



# REGULAR NEWSLETTER OF THE DUAL ACADEMY

(MAY - JUNE 2024)



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# SUMMARY

In May and June 2024, several significant events and achievements took place at the Dual Academy, which we are proud of:

**First Global Slovakia competition:** The Duálka team won 2nd place at the FIRST Global Slovakia 2024 competition! They will represent Slovakia at the FIRST Global competition in Athens.

**GreenPower Slovakia competition:** Our students triumphed at the Greenpower Slovakia race, winning 1st place.

**My Machine Slovakia project:** Our students built a multifunctional watering machine called Sprinkler Jano. The device combines the functions of a waterer, birdhouse, clock, water mist sprayer, and bubble blower.

**Energy Festival in the Piešťany Power Plant:** Our students won 1st place in the sympathy award and 3rd place in the official competition evaluated by representatives of ZSE!

**Ceremonial end of the school year:** We celebrated the end of the 2023/2024 school year with a graduation ceremony, where we handed over certificates, awarded students with excellent results, and handed over diplomas to participants in various competitions. We also announced the **student of the year, Adam Kollár**, and handed over the **first yearbooks of the Dual Academy**.



May  
2024

# EDUCATIONAL STAY IN PORTUGAL

Our students completed an educational stay in Portugal in May. Thanks to our Portuguese partner Mobility Friends and the Erasmus+ program, we participated with 14 other schools from 9 countries. Almost 120 students also enjoyed a themed evening, on the occasion of the 12th anniversary of Mobility Friends, with a local folklore ensemble, where the youth had a perfect time.

Also, the students, under the guidance of teacher Alfréd Bauer, participated in the Olympiad, where they worked in mixed teams. It aimed to promote integration, improve communication and cooperation, and support the international nature of mobility. Some of our students were members of the winning team and some were in a team that placed 3rd. They were happy not only with material awards but also with the award of a symbolic rooster.



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# NATIONAL FINALS OF THE COMPETITION CANSAT SLOVAKIA 2024

In May, the Duálka team participated in the finals of the CanSat 2024 competition under the auspices of the Slovak Space Office.

We thank the whole team for the successful representation of the Dual Academy. The finals took place at the airport in **Malé Bielice** and were attended by 14 teams from all over Slovakia. The team leader was **Ing. Igor Mozolák**, who exemplarily faced the challenges in the finals together with our students. They have learned much this year and are looking forward to next year.

Our team's task was to build a satellite the size of a can. The scientific goal was to measure ultraviolet radiation and air humidity. During the final, the satellites were carried to an altitude of approximately 1 kilometer by drone or balloon, where the satellite's main mission occurred: to conduct a scientific experiment or demonstration of the technology, land safely, and analyze the collected data.



May  
2024

# CAR REPAIRER JUNIOR 2024

Duálka was also represented at the CAR REPAIRMAN JUNIOR 2024 competition.

Our student, **Filip Jerg**, from class III.A has attended a regional round, in the field of car repairer. We are proud that the Dual Academy regularly participates in various competitions and thus gives space to shine to young talents and their skills.

The competition took place on the premises of Škoda Auto Slovakia. Thanks.

This prestigious and popular competition aims to promote the craft of a car repairer among the general public and to connect employers with schools and pupils. It is also a tool for motivating pupils to learn the trade of a car repairer and, by highlighting the craft, to ensure the recruitment of pupils to the apprenticeships of car repairers.



May  
2024

# PREPARATION FOR THE SLOVAK LANGUAGE GRADUATION EXAMS

Our students 3.MM, 3.ME and 1.MM visited the Ľudovít Štúr Institute of Linguistics SAS.

They also prepared for the school-leaving exam in the Slovak language in this experiential way, which awaits third-graders next year, too. As part of the excursion, they learned about the history, functioning and individual sections of the Institute of Linguistics, learned about the dictionaries published by the Institute, and also got acquainted with the Slovak National Corpus.

Also, in connection with the teaching subject of history, they visited the exhibition Candle Manifestation on 25.3.1988, which took place in the Zichy Palace.

We thank everyone who participated in the excursion which we found enriching and interesting.



RESPONSIBILITY

May  
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# GOOGLE ADS - COURSE

Our freshmen students in the field of professional computer scientists have completed a certified course for Google Ads. As part of their professional training, they learned about digital marketing and advertising, but they also tried to set up advertising through Google Ads in practice. In cooperation with ML AutoServices, the students set up four ads in pairs based on the acquired knowledge and ran the ad for 24 hours.

They then evaluated these advertising campaigns and compared the results. They also learned to read and understand individual graphs. From all these materials, they prepared four presentations with the results they achieved. They presented them to the Head of vocational training, Mr. Milan Ráchela.

Thank you for this unique opportunity, where students were able to learn a lot of new things.



May  
2024

# STUDENT OF THE MONTH APRIL 2024

The May Hydepark was marked by praise, student achievements, and the announcement of the student of the month, which became **Patrik Gluch**, I.ME. Congratulations, keep it up. We talked to the students about the CanSat 2024 finals, their impressions, and their knowledge learned.

Our first and second graders received well-deserved praise for the recent mathematical competition in which they participated. We were reminded and inspired by Jozef Karol Hell – a Slovak engineer, inventor, and important designer of mining pumping machines.





May  
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# DEAR GRADUATES

It is with great pride that we have followed your efforts and dedication during your studies at the Dual Academy. In May, you passed successfully all the school-leaving exams, which you had been preparing for so diligently.

We believe in your confidence, peace, and clarity of mind, throughout this challenging time. These trials were just one of many steps on your path to success. We are extremely proud of you and know that you can face all the challenges that lie ahead.

We congratulate you on your successes and look forward to everything your future may bring! Enjoy a well-deserved holiday and relaxation!



May  
2024

# STUDENT OF THE MONTH MAY 2024

We enjoyed this Hydepark of the 2023/2024 school year together!

We announced the May student of the month, **Samuel Takáč**, and congratulated him.

We also took a knowledge quiz with our students through Slido and last but not least, we talked together about GGO – Giving Good to Others, which is the true meaning of life.



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# BEST PRACTICE

As part of the international meeting on dual education, we presented the Dual Academy as a demonstration of "best practice".

In mid-May, an international meeting was held at **the Ministry of Education** on vocational and dual education. Representatives of the Ministry of Education and the State Institute of Vocational Education (ŠIOV) under the leadership of director **Branislav Hadár** met with a delegation from Serbia in Dual Academy.

The meeting was attended by approximately 30 people who had questions about the framework of vocational education and cooperation between the school, the founder, and the company. They were particularly interested in partnerships between employers and schools, school educational program creation, and the concept of the functioning of the Dual Academy.

We are glad that the delegation left smiling, and that we spent a delightful and stimulating day together. We thank the State Institute of Vocational Education for being able to be part of this unique meeting.



May  
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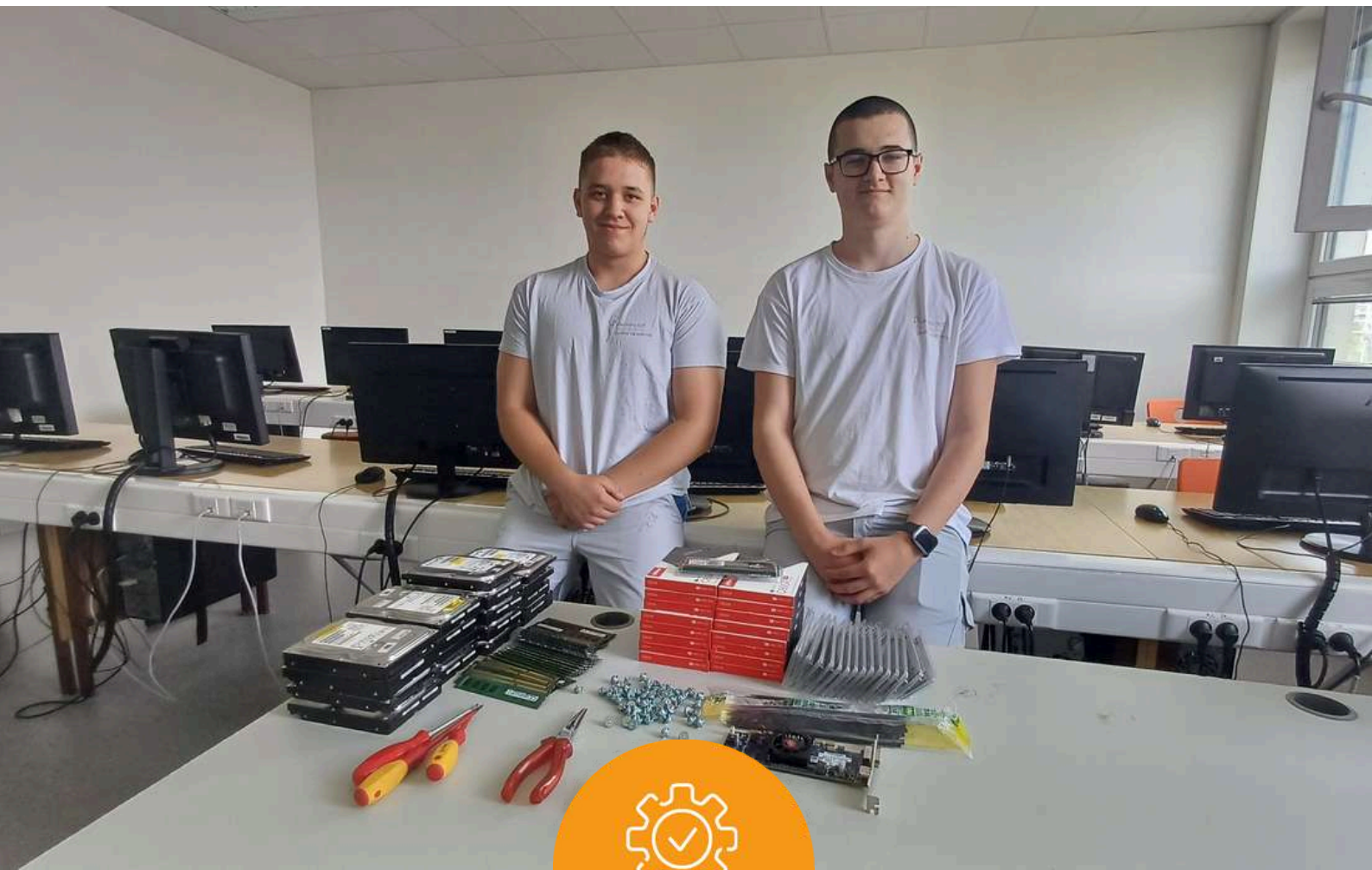
# MODIFICATION OF COMPUTERS IN DUAL ACADEMY

Our students modified computers for other students of Duálka.

Computers used to be very slow and unusable for teaching. Our sophomores, studying in the field of professional computer scientists, **Jakub Vigoda** and **Peter Hasák**, took care of HDD drive replacement with SSDs and "cloning" the original contents of the disk to a new one.

They also replaced the operating memory, from the original 4 GB to 8 GB.

Thanks to them, students can use this classroom again to develop their knowledge and skills. We thank Jakub and Peter that thanks to their skill they managed not only their mandatory tasks from practice but also this additional activity for the benefit of the entire Dual Academy.



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# FIRST GLOBAL SLOVAKIA 2024

The Duálka team **qualified** for **the world finals** of the First Global competition!

The Duálka Team and the Žiar nad Hronom Grammar School Team joined forces in the finals. And it paid off. Effort and perseverance bore fruit and a beautiful **2nd place**. Thanks to this placement, they will represent Slovakia at the FIRST Global Olympics in Athens!

Team members: **Eduard Horváth, Samuel Takáč, Patrik Örvöš, Miroslav Smelík, Vanessa Tóthová, Martin Sokol, Marco Galajda, Tomáš Obžera a Igor Vaksmundský.**



June  
2024

# FESTIVE COMPLETION OF STUDIES

Our fourth graders graduated from the Dual Academy.

Over the course of four years, we have passed on to students all the necessary knowledge and skills that will ensure their successful future. We warmly congratulate all our graduates and are proud of another strong class, in which each student is exceptional and has something to offer to the labor market. We keep our fingers crossed for you!

At the same time, we would also like to thank our partners or guests from our employers Volkswagen Slovakia, Slovnaft, and Forvia, who participated in the ceremony and contributed to the education of these young people. Thanks to their hard work, they received a certificate, SOPK certificate, a certificate of professional competence §21, and a German AP2 certificate.

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# VOLUNTEER EVENT OUR TOWN PROJECT

The volunteers did a good job of improving the environment in our Duálka thanks to the Our Town project.

The Our Town project, under the auspices of the Pontis Foundation, brings together companies and volunteers with the aim of beautifying, cleaning, and improving our cities. Thanks to him, **60 volunteers from five companies** met on Friday, June 7, at the Dual Academy, who made sure that students felt more comfortable at the school and could learn in a clean and high-quality environment.

It was the modification of the outdoor area of the school - former tennis courts, grubbing, sawing and cutting branches, disposal of carpets and waste. Volunteers also took care of arranging the rock garden, raking cones, or washing chairs and tables indoors.

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June  
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# LECTURE ABOUT LOGISTICS

Our students attended a lecture called Logistics - no longer just about transport.

**Juraj Mráz**, Head of logistics at VW, who is the body and soul of a logistician, visited Duálka. For 30 years, he has been covering logistics topics at Volkswagen Slovakia and told our students, for example, what logistics involves before the ceremonial handover of the keys to a new product to the customer. He also talked about processes and exceptional innovations in the world of logistics.

He is a trained teacher, but thanks to the opportunity at Volkswagen and the effort to learn, he has become an expert in logistics. He sees it as an important part of our everyday life, where the time aspect in a global world affects us all. He also said that logistics is always looking for smart and motivated people.





June  
2024

# STUDENT OF THE MONTH JUNE 2024

At Hyde Park in June, we announced the last student of the month of this school year, this time for the month of June! It was **Alex Ort-Šnep** from the I. M class. Alex was praised for being a great friend, always willing to help, and diligent in learning. Due to illness, he could not attend in person, but his classmates warmly congratulated him.

Hyde Park also brought a fun quiz, where students could test their knowledge.

We handed over diplomas as part of the FIRST Global Slovakia competition. Student and competitor, Eduard Horváth, told us about the course of the competition in Košice and announced the progress to Athens. A great success for our school!



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# ESTEEMED VISIT AUDI HUNGARIA GYŐR

We welcomed our friends from **Audi Hungaria Győr**.

Audi Győr is close to the Dual Academy not only because of its location and the fact that both operate in the automotive industry, but also in the form of dual education. We work together to enrich each other, share practical experience, and at the same time develop international cooperation within Erasmus+. Thanks to this, we will use everything that already unites us, so we can bring students beneficial and meaningful cooperation, that will move them forward again and broaden their horizons.

It was a return of our visit, as we visited Audi Győr some time ago. Both visits were useful and information was shared selflessly, based on a vision of mutually beneficial cooperation.

Thanks!



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# GREENPOWER SLOVAKIA

**Our students triumphed at the Greenpower Slovakia race!**

We are happy to announce that our smart students won **1st place in the Greenpower Slovakia race**. Many years of purposeful work have finally paid off and led to this great success.

Also, congratulations to our colleagues from the 1st Private Grammar School in Bratislava, who took first place in the overall ranking. Excellent results are possible with hard work and dedication.

We thank everyone who supported us and helped us on the way to this success.

**ČÍTAŤ VIAC**



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# ITAPA 2024 IN BRATISLAVE

Our students participated in the **ITAPA 2024** conference in Bratislava!

**The largest technology conference in Slovakia** once again brought further innovations, digitization, and technology. The purpose of the conference was to familiarize people with **artificial intelligence (AI)** and **Cyber Security**. Some students were surprised by the fact that the lecturers presented in English.

As student **Marek Hampachel** says, such conferences show us how we are evolving with technology and how it can solve new problems. He was most interested in lectures on AI or healthcare and the use of AI in X-rays and CT scans. Overall, our students and their guides enjoyed the conference and took away a lot of new knowledge and information from it, which may also help them improve their education and work.

We would also like to thank the Coordinator of the Director for Vocational Education and Employer Relations, Ing. Martin Kmec, the Chief Instructor for IT, Ing. Michal Nemček, and the Head of IT & Operations, Martin Mihalc, for ensuring entry and accompanying the students.



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# MY MACHINE SLOVAKIA - SPRINKLER JANO

We created **Sprinkler Jano** thanks to the MyMachine Slovakia project. Also this year, we participated in the My Machine project, which took place in the Piešťany Power Plant. Pupils from the Lozorno Primary School came up with the idea of a multifunctional watering machine that should also serve as a birdhouse, a clock, and a water mist sprayer for hot summer days. We added one more surprising feature to this invention – a bubble blower.

Students from the Faculty of Architecture and Design of the Slovak University of Technology created sketches and designs, then our skilled **first-year mechatronics**, under the guidance of master **Matúš Deters**, built the project. The result is a multifunctional device that impresses not only with its functionality but also with its creativity. A big thank you goes to the **Volkswagen Slovakia Foundation** and **Volkswagen Slovakia** for their support.

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# CERTIFICATES FOR III.A GRADUATES

After three years of hard work, hours of study, and unforgettable moments together, our third graders in the field of car repair have reached a significant milestone. Their report cards and successful passing of final exams are a reflection of their determination and talent, and we are all extremely proud of their achievements.

A big thank you goes to **our superheroes - teachers!** Your patience, wisdom, and dedication to teaching are invaluable and have left an indelible mark on our students.

Thanks also go to the parents and everyone who contributed to the educational process of our students. Without your support, their journey would not have been so successful.

**Dear III.A,** we wish you to enjoy your success today to the fullest, and we believe that what you have learned and experienced at our school will be a solid foundation for all your future challenges.



June  
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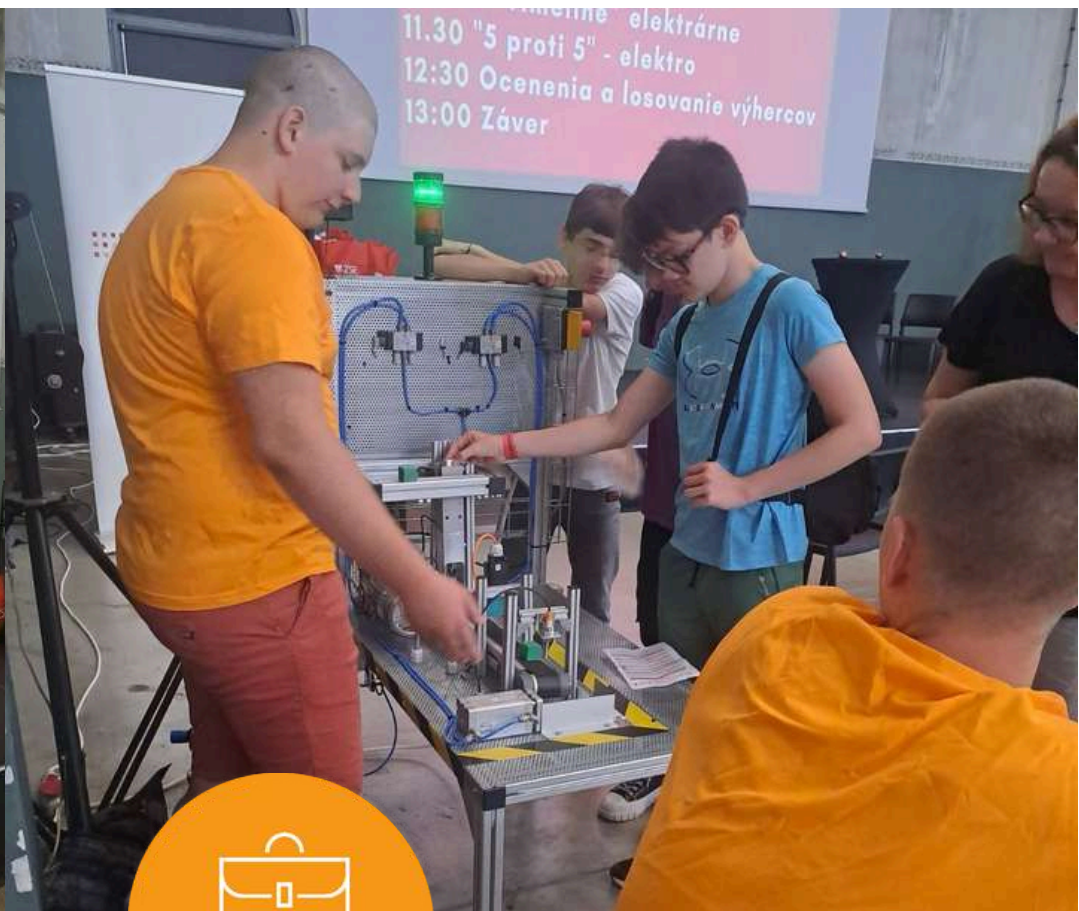
# ENERGY FESTIVAL IN THE PIEŠŤANY POWER PLANT

Our super skillful team from the **I.ME**, the field of heavy current, showed that they are the masters of recycling at the Festival of Energy competition in the Piešťany Power Plant!

**Martin Rohál Ilkiv**, **Vladimír Sedláček**, and **Marek Trenčiansky** under the leadership of our excellent vocational trainer **Jaroslav Rusňák** represented us with their amazing project of the Automatic Sorting Station of Plastic-Metal. And guess what? They made it all by themselves!

Our guys took **1st place in the sympathy award** and **3rd place in the official competition** evaluated by representatives of ZSE!

This is proof that when it comes to innovation and sustainability, our students have it at their fingertips! A total of 15 teams from electrical engineering schools took part in the competition, but ours was the brightest!



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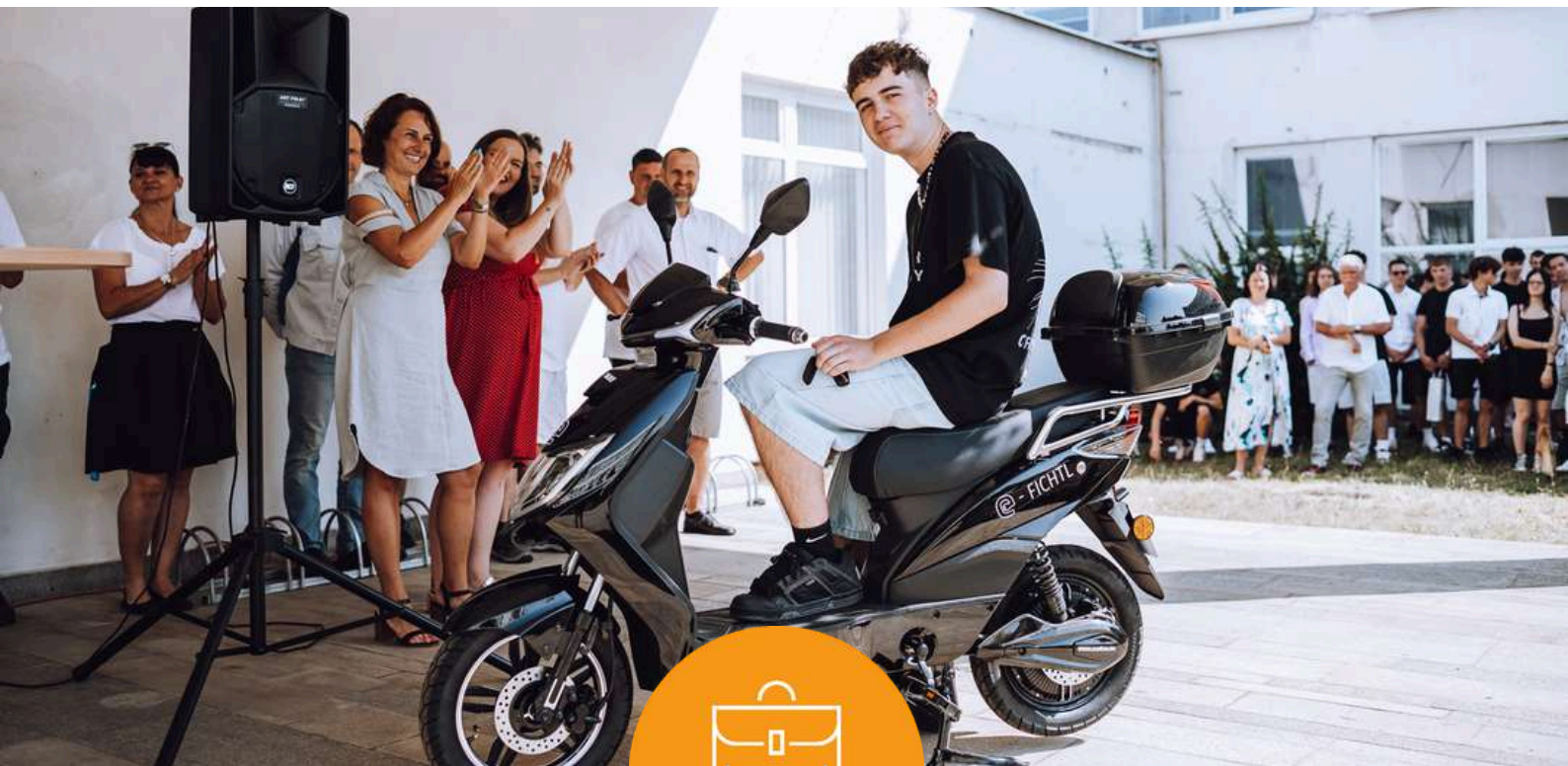
# SCHOOL YEAR 2023/2024 CLOSING CEREMONY

Ceremonial end of the 2023/2024 school year at Duálka. We were honored. The end of another school year is here and we have no choice but to thank all students, teachers, teachers, employers, and parents for their diligence, patience, and desire to improve.

During today, we managed:

- Ceremonial end of the school year
- Hand over certificates
- Reward students with excellent results with a voucher for Bory Mall
- Award diplomas to all those who have participated in various competitions
- To announce the student of the year, Adam Kollár from the Second MSZ, who received a **new electric scooter as a reward**
- We handed over the first yearbooks

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# INTERVIEW WITH THE EMPLOYER ZÁPADOSLOVENSKÁ DISTRIBUČNÁ, A.S.



Answering: **Mgr. František Adamkovič**

Head of the Operations Department **Západ v spoločnosti  
Západoslovenská distribučná, a.s.**

He has been with the company since 1993.

Cooperation between ZSE and the Dual Academy began in 2022.

**Why should a student choose your company as his/her employer in dual education? Name three reasons.**

Job stability, a possible career shift (that is conditioned by the gradual acquisition of professional competence), and thirdly, a good salary.

**What are the most significant new developments that have recently taken place or are planned in your company?**

In the last two years, we have built two training "BABY" polygons at partner schools as part of dual education, which simulate the basic parameters of LV distribution networks to a lesser extent. On polygons, all our graduates of dual education and professional practice can try working on such a device in a de-energized state. To ensure the practical part, we have also created the position of the main instructor of vocational training this year, where, together with our own master of vocational training operating in Bratislava, they ensure the complexity of dual education in all regions of our company's activity in the West Slovakia region.

**Can you tell the readers something about your company that nobody knows, or that they don't just read on the internet?**

It is probably no longer news that Západoslovenská and Východoslovenská energetika have recently merged into one company and thus we have become the largest and strongest energy company in Slovakia. It is less known that in our company colleagues can also realize themselves in various non-energy areas, for example, we have a lot of opportunities for our employees in the field of sports, volunteering, and few people know that our company has, for example, a band called Energetic Music Formation (EHF) or a club for feeding cats, crows and :). It is said that whoever has been employed in ZSD once, then works there until the end of his/her career.

# INTERVIEW WITH THE EMPLOYER ZÁPADOSLOVENSKÁ DISTRIBUČNÁ, A.S.

## **If you had to describe your company in one word, what word would it be?**

From the point of view of the operations division and the placement of dual education graduates, this is "complexity".

## **How do you select your future students in the Dual Academy? What should a student be skilled in, what do you look for when selecting candidates?**

When selecting candidates, we try to motivate the candidate and elucidate the attractiveness of the study of heavy-current electrical engineering. At an age when young people are deciding where to go to high school, it is understandable that most of them do not have real knowledge and experience of what their future work in the electrical engineering industry is about. When recruiting candidates, we verify their basic skills, personality traits, and, if possible, a real interest in working as an electrical engineer in our company. This is probably the most difficult thing in the beginning when choosing them.

## **What benefits do you offer to students of the Dual Academy?**

The standard is PPE equipment of the same quality as all our electrical engineers. Productive work is entitled to a financial reward according to the current rules and a meal allowance according to the actual days worked on practical training. A scholarship associated with good results in vocational subjects taught at the school. An inseparable non-financial benefit is the opportunity to attend training for employees during their studies, as well as many excursions such as e.g. dispatching of LV, HV, HV, a visit to the Malženice steam-gas power plant, 110/22kV electrical stations and many others.

## **What is the student's perspective within your company or does your company have a plan for working with graduates? Can you share with us some success stories?**

For recent graduates or those within 2 years of graduation from secondary school or university, we offer the POWER graduate program that is already well-established in our company. It is a system of quarterly rotation of graduates. At individual workplaces, they acquire basic knowledge and skills about working in the power industry. At the same time, it also serves to verify the skills as well as the choice of the graduate himself, where, after induction, he can start his first permanent job, whether it is a production, operating part at LV, HV networks transformer stations, electrical stations, electricity meter service. After acquiring the necessary experience and professional competence according to the current needs of our company, they can later apply for management positions such as coordinator, construction manager, or support activities such as construction calculators, energy equipment managers, etc.

**The Dual Academy Newsletter for July - August will bring another interview with our employer, which you can already look forward to.**

**DID YOU FIND THIS NEWSLETTER USEFULL?  
WE WILL ENJOY YOUR FEEDBACK!**

**WRITE FEEDBACK**



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**THANK YOU!**

**You can already look forward to the following newsletter with lots of interesting information already in early September 2024.**

**NEWSLETTER  
MARCH - APRIL 2024  
CLICK HERE**