EMPOWERHER: HONORING WOMEN IN IT

AmCham members´ programs supporting development of girls and women in IT.

MARTA SLOVÁKOVÁ

CEO

E slovakova@jaslovensko.sk
W jaslovensko.sk

Junior
Achievement
Slovensko

Člen skupiny JA Worldwide

JUNIOR ACHIEVEMENT (JA) SLOVAKIA

Junior Achievement (JA) Slovakia helps teachers develop entrepreneurship, economic thinking, financial literacy and digital skills necessary for employment of the primary and secondary school students in the labor market. Young people, after completing our educational programs, know what they want in life and how to achieve it.

Junior Achievement Worldwide, a network of which Junior Achievement Slovakia is part of, has been nominated for the 2024 Nobel Peace Prize. Nominations may be received only from heads of state and certain elected officials, university professors in selected fields, past Nobel laureates, and a few other notable individuals.

In Slovakia, during the 2022/2023 school year, approximately 35,000 students, 1,000 teachers, and 820 schools participated in our educational programs. In total, we have over 470,000 graduates from educational programs in primary, secondary, and tertiary education spanning more than 30 years in Slovakia. Each year, we engage approximately 500 industry professionals in experiential education.
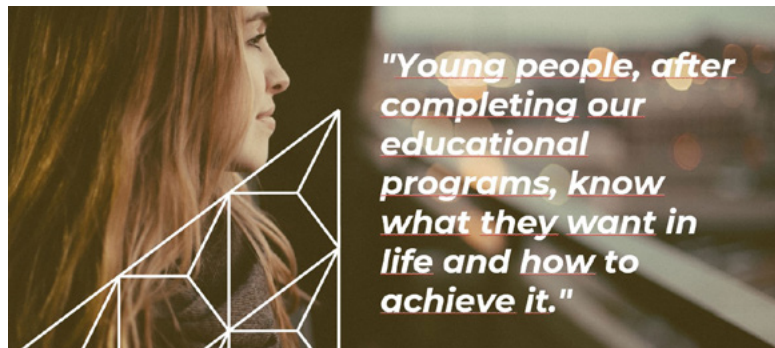
MOST IMPORTANT PROJECTS:

- Slovak finals of Company of the year competition
- RE-POWER with Unicredit Foundation - Innovation camps + Conference
- Program for coordinators of Digital competencies at schools
- UpLIFT Youth
- Young Leader camp
- Social Innovation Relay

"Young people, after completing our educational programs, know what they want in life and how to achieve it."

Number of cooperating schools across Slovakia

△ up to 36 △ up to 20 △ up to 10 △ up to 5

PETRA KOTULIAKOVÁ
CEO

E info@ajtyvit.sk
W ajtyvit.sk

aj ty v it

- Founded in 2012
- 47,000 girls and women trained so far
- Increased the number of female students at ICT faculties from 5% to 17%
- Daily activities for female students in primary and secondary schools across Slovakia
- Regular long-term women's academies for adult women

MAIN PROJECTS

Primary School Girls
- ScratchMatch competition (from 2017)
- Scratchaton (Saturday coding day for girls with discussion for their parents)
- ENTER programme - Coding with micro:bits

Secondary school girls
- Girl's Day, from 2014, more than 10,000 participants to date
- Coding Clubs - deeper knowledge of different digital tools
- Security Girls - peer-to-peer trainings in cybersecurity, where female participants became trainers for their peers
- Discover IT faculties - motivation to study at IT faculties across Slovakia

Adult women
- Women Academies - from 2018, more than 8,000 adult women trained

General public
- Slovak Women in Tech - annual conference supporting and promoting women in IT
- Women in IT Award - recognition of the achievements of Slovak women in IT

GIRL'S DAY 2024
25. apríla

MIRKA UHNAK

CEO

E mirka.uhnak@minitechmba.org
W minitechmba.org

Mini Tech MBA

EMPOWERING WOMEN TO REACH THEIR FULL POTENTIAL THROUGH TECHNOLOGY

We are an IT academy designed specifically for women interested in careers around technology. In our programs, participants gain a comprehensive overview of information technology, improve digital skills, and expand their professional network.

OUR PROGRAMS

PREMIUM 120 HOURS
Four months in-person study in Bratislava with a variety of lessons, workshops, company visits, networking, and career counselling.

ONLINE 100 HOURS
Interactive online study based on real-time lessons within a small study group that can be completed in four months.

FLEXI 50 HOURS
Flexible and cost effective self paced online study with a support help desk from our team.

BENEFITS OF JOINING

SUPPORTING COMMUNITY
We create a supportive and secure environment that unites women of similar goals and interests, building a strong community where members can thrive.

IT KNOWLEDGE & DIGITAL SKILLS
Our academy provides world-class education in information technology, offering insights into current IT trends from top experts.

DEVELOPMENT AND SELF-CONFIDENCE
We provide activities focused on developing soft skills and boosting self-confidence, helping participants leverage opportunities around tech.

300+ graduates since 2017	**30%** our graduate's average salary increase	**64%** of graduates achieved career advancement	**96%** of graduates report higher self-confidence

MÁRIA BIELIKOVÁ
Director General

E maria.bielikova@kinit.sk
W kinit.sk

.THE KEMPELEN INSTITUTE OF INTELLIGENT TECHNOLOGIES

KInIT

Kempelen Institute
of Intelligent Technologies

KInIT represents a new approach to research and development in Slovakia. It aims to motivate young people to build their careers in Slovakia, especially in research and knowledge transfer through innovations. KInIT has repeatedly proven its excellence and potential.

KInIT is gaining recognition for being a **new institutional model for R&I in Slovakia**, demonstrating that strategic priorities of the institute are in alignment with the European and Slovak strategies.

The primary interest of researchers in KInIT is **focused on Artificial Intelligence**. Thanks to the advent of this research field, it is an optimal topic which is in high interest of the industry, academia, with massive potential in techtransfer. Moreover, it can bring a high added value for the country.

THE MOST IMPORTANT ACTIVITIES

KInIT provides an internship programme

KInIT conducts doctoral study in Artificial Intelligence (in collaboration with Faculty of Information Technologies Brno University of Technology) and Digital Law (in collaboration with Faculty of Law, Palacky University Olomouc).
· In 3 years of KInIT existence we have recorded 12 PhD students and more than 30 interns.

KInIT acquired funding from 11 international projects in the last three years
· We established international cooperations with 30+ partners in more than 20 countries

KInIT supports and partners AI educational courses
· Grow with Google
· Lifbee Academy
· Elements of AI
· Hopero
· Mini Tech MBA

KInIT develops the AI community and connects AI experts in the Slovak diaspora in collaboration with LEAF and AmCham.
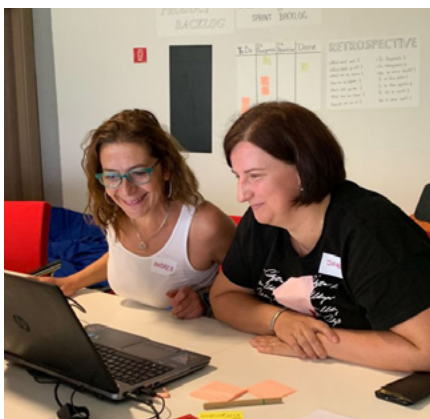· a map of Slovak AI experts abroad - https://slovaks.ai

· KInIT inspires young people to think innovatively and nurtures AI talent with the support the BrAIn association.

ALENA KANABOVÁ

E digikoordinatori@jaslovensko.sk
W digikoordinatori.jaslovensko.sk

PROGRAM KOORDINÁTOROV DIGITÁLNYCH KOMPETENCIÍ

DIGITAL COMPETENCIES COORDINATORS' PROGRAM

· Comprehensive, educational program for teachers and school digital coordinators launched in school year 2020/21, focused not only on development of their own digital competencies, but also on the use of innovative approaches, methodologies and practical digital tools in the education process.

· Program duration is 1 school year, while additional training is provided also to program graduates. Soft skills training is included in the curriculum as well.

· Selected online training sessions are open also for wider teachers' audience (non-core program participants).

· Digital Competencies Coordinators shall implement gathered knowledge by applying it at class and and also by passing the knowledge to other teachers and supporting them in implementing it within education process, regardless the subject taught.

· Community of coordinators is intentionally built and enhanced for knowledge exchange and mutual support.

· Program is certified by the Ministry of Education of the Slovak Republic

· The ultimate goal is to enhance digital skills of pupils / students (since only digitally competent teachers can raise digitally competent generation able to thrive in the digital economy) and accelerate the digital transformation of schools and Slovak education system.

WHICH STAKEHOLDERS ARE INVOLVED?

· **Corporate partners** - supporting program financially, materially and with the educational content (on pro bono basis): Accenture, SK- NIC, Slovak Telekom, Deutsche Telekom IT Solutions — Slovakia, Orange, Eset, Microsoft, Google, DXC Technology, Huawei, Lenovo, ČSOB…)

· **Non-profit / Academia partners & individuals** - Junior Achievement Slovakia as the program organizer and other local non-profit educational organizations, academia institutions, as well as individual innovative education experts and teachers.

IMPACT & OUTCOMES

· **239** involved schools
· **279** graduates (teachers) + additional ~2.500 participated in particular educational events open for wider teacher audience
· **117** graduates certified by the Ministry of Education of SR
· **40** participants in the extended Program (basic level program graduates)
· **9.100+** other teachers reached (from involved schools)
· **2500+** pupils/students directly impacted (through program participants)
· **91.000+** pupils/students indirectly impacted (all students)
· **700+** training hour delivered

CORE TOPICS

· Methodology & tools to teach computer science & programming (Code.org, Micro:bit, Lego robotics)
· Online collaboration & communication tools (MS365, Google Suite…)
· Project based learning (EduScrum)
· Digital security (incl. digital wellbeing and technology vs. mental health, cyberbullying prevention, social networks behavior, hoaxes and critical thinking in online world…)
· Artificial intelligence in education