BME Graduates' Yearbook

Academic Year 2022-2023

Volume 2

Study in the European Union

Study at BME!

Your future career begins
at the Budapest University
of Technology and Economics

Budapest University of Technology and Economics Graduates' Yearbook

Academic Year 2022-2023

Volume 2

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The manuscript was closed on 6 July 2023.

Contents

Farewell message

from the Rector

Dear Graduates,

It is my pleasure to present this commemorative yearbook as a keepsake of your graduation from the Budapest University of Technology and Economics (BME) in the Academic Year of 2022-2023. This recent period has posed substantial challenges for students, my teaching colleagues, and staff. Nevertheless, it has also encompassed remarkable achievements and pleasant memories.

Finishing your studies despite all the limitations and uncertainties caused by the pandemic is one of these outstanding achievements. The diplomas you have worked for tirelessly demonstrate to me and the world the efforts you have made during these past years to become engineering, natural sciences, economics, and management graduates. You have every right to be proud of graduating from the BME, the University which gave the world three Nobel Prize laureates. Be proud, and tell others about the talent and professionalism you gained at BME. We are undoubtedly proud of you.

University graduation is always a momentous occasion for the graduates, their families, and their Alma Mater.

At the Budapest University of Technology and Economics, your Alma Mater and home in the last few years, we persistently strive for excellence: to be at the forefront of research, discovery, innovation, design, and, last but not least, education. This aspiration for perfection is well reflected in the latest QS World University Rankings 2024, where BME made the most significant step forward - more than 100 places - since being ranked by QS.

Last year our University celebrated its 240th-anniversary academic year, serving our country and the world for such a long period by educating countless bright minds to shape our future. Since 1984, our University has continuously offered education in English. Students from every continent and almost every country in the world can benefit from the diplomas they have proudly obtained at BME. As alumni of the Budapest University of Technology and Economics, you can be sure that the knowledge and skills you have acquired will give you an excellent foundation for your future professional career. Please, be our ambassadors, and spread the word about the excellent education you received at BME.

In six of the eight faculties, we teach and train engineers of the future for the various branches of this beautiful profession. Nevertheless, engineering must serve a purpose and, most importantly, must serve humankind and the world. To achieve this noble goal, creating a European Engineering Degree system within the framework of the EELISA (The European Engineering Learning Innovation & Science Alliance) consortium will be a significant milestone. Within the EELISA cooperation, members - representing more than 170,000 students - focus on projects linked to industry and research (Industry 4.0) and green, smart, and resilient cities. BME intends to contribute to national and international quality improvement of technical higher education. This is a very ambitious goal, and this is what I also ask of you: to set ambitious goals for yourself and work hard to achieve them to make our world a better place.

In the past few years, we started to experience challenges people created for themselves. Climate change is already beginning to reshape our world, though the most serious consequences are yet to be seen. The pandemic has ruthlessly engulfed the entire global society taking the lives of our loved ones, family and friends, and acquaintances alike. However, we must also see the remarkable progress these adversities catalyze, like the development of numerous vaccines in an unprecedentedly short time, a near-instant switch to full online education, and countless things, big and small, which we were doing differently than merely two years ago.

Thus, more than ever, we need to be bold enough to think about our world differently and be braver than before to try solutions that have not been tried before. What was seemingly impossible in the past may be what we need to save humankind from disaster. You proved resilience and determination during these unprecedented times. Now, as engineers, natural scientists, and economic professionals, you will be in the vanguard of creating the world of our common future.

As you progress through your professional life, you will discover many new ideas and come across new challenges. Please remember that we will be here to help you overcome the obstacles, learn from you, and work with you on novel solutions to problems. You are always welcome to pursue further studies as master's or Ph.D. students, research fellows, or industrial research partners. We will be here to work with you on future innovations.

Dear Graduates,

I wish you all the best for your future. May you be successful in your work, and may you find happiness with your family and friends. I hope you find the right balance for a long and fruitful life. My advice to you for the future is to be persistent and loyal in your professional and private life. That way, you can achieve happiness.

Goodbye, farewell, and hopefully, see you later.

Yours sincerely,

Prof. Tibor Czigány

Rector

Farewell message

from the Vice-Rector for International Affairs

Dear Graduates,

Congratulations on the occasion of obtaining your diplomas, issued by one of the most prestigious universities in Central Europe. Your well-deserved diplomas attest and confirm your skills and qualifications as an engineer, economist, and manager.

You have come to the end of a journey spanning several years, but finally, you have achieved the goal that you have set for yourself: to study and obtain a diploma from the Budapest University of Technology and Economics. It is my pleasure to affirm that you have made it. I wholeheartedly wish that you will find satisfaction and enjoyment in your professional life, and I wish you good health and lots of happiness in your private lives. I hope you fulfill your professional dreams and be open and inquiring experts in your respective fields. You will become valuable and creative members of our societies and your communities. Nevertheless, the most important thing is that you find joy and happiness in what you do.

Obtaining your diploma was no small feat. Indeed, it is undoubtedly one of the most momentous and defining moments of your entire life. Nevertheless, rest assured that your study and personal development journey has not ended. Lifelong learning will define your future career, ensuring that on the solid foundations you have laid at our university, you will build skills that will be of greater service to society. You will develop your talent, which can serve as a foundation for further inquiry.

With knowledge broadening at an unprecedented rate and technologies emerging seemingly out of nothingness like never before your future contributions to science and your profession are more important than ever. Thus I ask you to have the courage and dedication to build on the foundations that we have laid down together and be brave enough and humble enough to build the future of humankind.

As you advance through your professional career, you will undoubtedly need expert advice on topics that may require it. Rest assured, we will be here. We will be here, with open arms and open minds, welcoming you back as project partners for cooperation and a source of knowledge that you can feel free to tap into. Our university has been a defining feature in the development of this country during the past 240 years of its existence. We have worked very hard to achieve the level of education that we can offer our students. Nevertheless, our pursuit of excellence continues beyond here.

The distinct goal of the university's leadership is to increase the share of students in the English language programs at BME. Currently, 14% of the students at BME are enrolled in one of the English language programs across the eight faculties. Our objective is to increase this number. I ask that you act as ambassadors of your university: that you help spread the good reputation of this institution wherever life may take you, be it in your home countries or anywhere else on the globe.

I sincerely hope you have had good experiences at this university and will fondly remember your second home, Budapest. I also hope you have had the opportunity to travel around and get to know Hungary. Based on your good experiences, I hope you will help others make the right choice about their future education by telling them about your Alma Mater. Please tell young people about our university and that studying for a diploma at BME is a worthy pursuit, both at bachelor, master or a Ph.D. level. We also look forward to welcoming young minds to part-time or exchange programs covering one or two semesters. We hope that many students will be able to follow in your footsteps from all over the world.

I wish you good health, happiness and success, and hope to see you again.

Prof. Emília Csiszár

Vice-Rector for International Affairs

Farewell message

the Representative of the Bosch Group in Hungary and the Adria Region, BME Alumni

Mr. Rector, Mr. Chancellor, Students Honourable Guests!

I was delighted to accept the University's invitation to today's event. It is an honour for me to be here more than 25 years after I graduated from the BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS.

I remember many things about that day... The weather for example, or how excited I was to start working at my first job. But there are some things I definitely don't remember: who spoke and what they said at the graduation ceremony.

So, I decided to make today's speech short, if not memorable...

Prior to being hired, I had spent months walking around my future workplace. I was sure that if they sent me out the door, I'd climb back through the window. Fortunately, that didn't happen. By the time I got my degree, I was hired by Bosch Budapest Engineering Center. It wasn't big at all, there were maybe 20 of us at the time.

Why did I want to go there in the first place? Because I was aware of and was fascinated by the history and the future potential of the company: the way it has preserved its capacity for innovation over 137 years. A 137-year-old start-up that today, as one of the world's largest automotive companies, still cultivates creativity and social responsibility.

I know it's almost unthinkable today to plan a career for 20-30 years. Yet there are two lessons from my story that I would like to share with you.

Two buzzwords: ecosystem and resilience.

These two concepts are both key to individual and corporate success, in my opinion, not only today, but certainly in the coming decades as well.

As for ecosystem: great technological innovations are usually associated with one person: Graham Bell and the telephone, Karl Benz and the automobile, Steve Jobs and iPhone. The reality is, of course, that to turn these ideas into a functional product requires the creativity and contribution of many. In the case of the car, this collaboration had long been haphazard - people working in isolation from each other. The inventors often developed solutions parallel to others, as it happened to the two former professors of this University, Donát Bánki and János Csonka.

Today the situation has changed. The leading players of the industry – and I can proudly say that Bosch is one of these – are thinking in ecosystems, working together with universities, research institutes, start-ups or even other smaller companies to provide real successful solutions. Lone, isolated innovators have become collaborative organisations.

So, my first piece of advice is to always look for or create the ecosystem in which you operate. Innovation often requires just a piece of paper and a pen or, nowadays, a laptop connected to the internet. But for innovation to work, for it to become part of everyday life as a technological advance, you need an extensive ecosystem.

The other lesson from my own story is the question of perseverance, or in today's fashionable parlance, resilience. Don't be afraid to persevere! Don't be afraid to stick to your goals and principles!

And above all: do not be afraid to fail. Churchill is reported to have said: 'Success is the ability to go from one failure to another without losing your enthusiasm'.

There may be many times when you will experience failure, both big and small. 90% of clinical drug trials fail. And that's a good result compared to the fact that Walt Disney was completely fired from his first job because he was considered not creative enough. Sylvester Stallone was rejected 1,500 times when he tried selling both his script and himself for what would later be the film Rocky.

And you presumably know this one: Thomas Edison created 10,000 failed prototypes of his electric bulb before succeeding. As he famously said,

"I have not failed. I've just found 10,000 ways that won't work."

So, don't be afraid of failure. Instead, learn from it.

Finally, allow me to say a few words about the career you have chosen and the diploma you will receive today.

There have been times in history when writers and thinkers have set its direction. There were times when warlords and politicians set the course of humanity. I think today it is engineers who write the future. The big problems mankind is facing today are essentially engineering problems, whether it's climate change, mobility or the challenges of artificial intelligence. Politicians and thinkers might define the scope of the task – but it is up to us engineers to deliver the solutions.

The most successful will be those who understand the power of the ecosystem and the potential of failure. And those who can embrace the diversity of thought that comes from working with people from different backgrounds and cultures.

This is the third lesson I'd like to call your attention to. The power of the international network. It is not only your skills and training that make you well equipped, but also the specific advantage that international programmes have. I am greeting here almost 300 students from nearly 60 countries on this day. And I'm almost certain that in this global, interconnected world, it will be a great advantage to be able to turn to your counterparts from different countries when you have an issue to solve.

So, nurture the relationships you have built up during your time in this esteemed institution. The bonds you have formed with your classmates, professors and mentors will be invaluable throughout your career.

Graduates!

The innovations and solutions you are about to create will shape the future and will have a profound impact on the lives of millions. With great power comes great responsibility, and I urge you to use your skills and knowledge ethically and responsibly. Consider the wider implications of your work, and strive to create a sustainable and inclusive world that benefits all. Do your best to leave a positive and lasting impact, not only for your own generation, but also for generations to come.

You are the architects of progress, pioneers of innovation and ambassadors of change. Be brave, be bold and, above all, be a driving force for a better world.

Thank you and congratulations!

Dr. István Szászi

the Representative of the Bosch Group in

Hungary and the Adria Region, BME Alumni

Farewell message

from the Director of the Department of Academic Affairs for Education in Foreign Languages

Dear BME Leaders, Dear Graduates, Ladies and Gentlemen!

First of all, at this excellent occasion, congratulations to the graduates on their graduation. Your persistent hard work allowed to and is acknowledged by the gaining of this diploma. As well, thank you to your parents, family, friends and all around you for the continuous and persistent support. Thanks are also due to the Hungarian scholarship programmes of Stipendium Hungaricum, Scholarship for Young Christian, for providing an excellent opportunity for many of our students to complete their studies.

I recall the time when I had the pleasure to issue your admission letter couple of years ago and now it is an honor to celebrate your graduation together.

You have a great degree, great diploma in your hands. You are now a graduate recognized all over the world, which you have achieved at the cost of persistent efforts. I can assure you that this degree is well recognized all over the world and with this degree you will stand anywherein any circumstances.

What does this degree mean? Surely: knowledge, preparedness, experience, professional esteem.

And something more.

Let me briefly explain this through my personal story.

I remember when I started my studies: the situation with my roomate didn't start easily, we had a lot of discussions and disputes, but then we became friends. A difficult beginning of a beautiful friendship. We have gone through incredible things and we are still friends today. Friendship grown, we had new fellows, classmates, new friends; friends with similar feelings, common language, common aims and strong fellowship. Our network started to grow. One day I woke up and recognized I am part of a community, an international community with people from all over the world. This is our community!

I felt we were strong, we could reach anything we want! We can solve any and every problem, we can compete even in NASA competitions, we can launch satellites, we can build the biggest bridge ever, even from pasta, we can go for Nobel prize! And we can solve social challenges, provide solutions for climate change, sustainability issues, we can help in disaster prevention, let it be earthquake in Albania or red mud in Hungary.

This is the BME community.

You are member of the BME community, you are the BME community!

The BME community cares about each other, the BME community achieves its professional goals, provides space for innovation, and shares responsibilities in social challenges. This is the BME community!

And you are permanent member of the BME community forever! In addition to the professional value of the degree, this is what makes you and us special. This connection will never vanish.

Never forget that! We are always waiting you to be back, as student, as researcher, as visitor, as partner in cooperations. And we are encouraging you to be our community ambassador.

Once again, congratulations on your degree, enjoy the moment. And I wish you much success in your life, both professionally and privately.

Dr. László Gergely Vigh

Director, Department of Academic Affairs for Education in Foreign Languages

Farewell message

from the Students' Union (EHK)

Dear Graduates,

I am delighted to welcome all of you on behalf of the Students' Union of Budapest University of Technology and Economics. It is an honor to be here with you all!

First of all, I would like to congratulate all of you who will receive their University Degree today.

A few years ago all of you had a goal, which you always had in mind during the past semesters but today you have successfully achieved it. It may not have been the easiest part of your lifes' but you have learned and experienced a lot. Today, you can proudly say to your families, friends that I have done it, I have finished University!

You have overcome all of the challenges and made lifelong friendships. Keep in touch and never forget each other and all the beautiful time you have spent together. Your road will lead to different places but you have become a part of BME's community which will enable you to many opportunities during your lifetime.

For those of you who will continue their studies I wish you the best of luck and hopefully we will see each other again during your next graduation ceremony!

To close it all I would like to quote Stephen Hawkings and I would also like to wish all of you a successful future and life!

"We are very, very small, but we are profoundly capable of very, very big things."

Thank you!

Levente Nagy

About

the Budapest University of Technology and Economics

The Budapest University of Technology and Economics (BME) is proud of its more than two-hundred-year tradition of excellence in engineering education. It has developed into the largest institutions of higher education in Hungary and is one of Central Europe's most important research centres. The university considers scientific research and development of equal importance not only to its educational activities, but also to economic and social development.

The university takes special pride in the contributions made to science, engineering and culture by its faculty, graduates and researchers.

Several Nobel Prize laureates have been associated with the BME:

Dennis Gábor	(physics),
Eugene Wigner	(physics),
György Oláh	(chemistry)

Notable personalities have also studied or taught at the BME:

John von Neumann	inventor of the computer,
Edward Teller	nuclear physicist,
Leo Szilárd	known for his work on nuclear chain reactions,
Marcell Breuer	architect,
Theodor von Kármán	aerodynamic scientist,
Ernő Rubik	inventor of the famous "magic cube",
Donát Bánki	co-inventor of the carburetor,
Károly Zipernowszky	one of the inventors of the transformer,
Dénes Mihály	one of the inventors of television

Today, 77 departments and institutes operate within the structure of eight faculties. Seven knowledge centres have been established. About 1.100 lecturers, 400 researchers, other degree holders and numerous invited lecturers and practicing specialist experts participate in the education and research at the BME.

Approximately 2 500 of the university's 23 000 students are from 60 different countries.

The BME issues about 70% of Hungary's engineering degrees.

The goal of the BME is to graduate professionals who are capable of high-level creative work, who can organize and supervise production and infrastructure, and who are qualified to perform scientific research, participate in technical development, solve engineering problems and implement solutions. In additions to educating engineers and economists the university provides continuing training through:

- undergraduate programs in engineering and in business and management
- graduate programs in engineering specialization and in business administration and management
- refresher courses to inform practicing professionals about new scientific developments which affect their works
- PhD programs, guidance and instruction for scientific research fellows.

Leaders of the University

Prof. Tibor Czigány
Rector

Miklós Verseghi-Nagy
Chancellor

Prof. Emília Csiszár
Vice-Rector for

Dr. Péter Bihari
Vice-Rector for Education

Prof. János Levendovszky
Vice-Rector for Science

Graduates

of the Budapest University of Technology and Economics

Faculty of Civil Engineering

The Faculty of Civil Engineering is the oldest faculty of the Budapest University of Technology and Economics and can trace its history back to the University's predecessor, the Institutum Geometricum, founded by Emperor Joseph II in 1782. Since then, thousands of engineers have graduated from this Faculty to work worldwide as educators, international researchers, designers and engineering project managers.

The most essential service of the Faculty – education linked closely to research and engineering work – is reflected in the scientific activities of nearly 103 lecturers in 9 departments. They have contributed significantly to a professional, scientifically sound solution to diverse engineering problems. Out of the approximately 1200 students who study at this Faculty, ~300 students from abroad participate in the English language program annually.

The BSc engineering program in English leads to a BSc degree in four years. Two specializations are offered: Structural Engineering and Infrastructure Engineering. Graduates from the BSc Specialization in Structural Engineering can design, construct and organize the investments of mechanically, structurally and technologically complex structures in close cooperation with architects as well as transportation and hydraulic specialists. These structures include bridges and underground passages for transportation networks; power stations, cooling towers, craneways, transmission and telecommunication line structures; warehouses, industrial plants, and multi-storey buildings as well as hydraulic and water utility structures.

Graduates from the BSc Specialization in Infrastructure engineering can design and construct urban and regional infrastructure, such as roads, railways, water and wastewater utilities, hydraulic constructions, and organize engineering activities in these fields.

The Faculty offers four MSc programmes with a duration of 1.5 years.

MSc in Structural Engineering:

- Specialization in Numerical Modelling
- Specialization in Structures
- Specialization in Geotechnics and Geology
- Specialization in Structures in Nuclear Power Plants

MSc in Infrastructure Engineering:

- Specialization in Highway and Railway Engineering
- Specialization in Water and Hydro-Environmental Engineering

MSc in Land Surveying and Geoinformatics

MSc in Construction Information Technology Engineering

These specializations are useful for research-oriented students pursuing a doctoral degree in a PhD program, as well as for the next generation of practicing leading engineers, who will solve special civil engineering problems and innovate the construction procedures. The doctoral school of the Faculty offers a 4-year PhD program in Civil Engineering and Earth Sciences.

↑ *The ornamental chain of the Faculty of Civil Engineering*

Farewell message

on behalf of the Faculty of Civil Engineering

Congratulations! First for the degree you have obtained, but also for the hard work you have put in to achieve it. As a student from abroad, the task is perhaps even more difficult: to adapt to a new environment, to learn new cultures, new habits, to acquire professional knowledge in a foreign language, to build new personal and professional relationships. We hope that this professional knowledge, experience and network will accompany and help you in your future life.

You can be proud of your achievements, the knowledge, and professional skills you have acquired. Please do not stop learning! With a diploma in hand, always look for opportunities to improve your knowledge. It will be a new way of learning, learning from your own work experience.

The BME has been running educational programs in English for almost 40 years. In these nearly four decades, our graduates are well established in many countries all around the world, having acquired a solid foundation of knowledge. The Faculty is very proud of its graduates and their achievements and we are proud of BME's contribution to global civil engineering activities. As civil engineers, you have become useful members of the society, giving back to humanity through your knowledge. The mission of a civil engineer is to create a safe, comfortable, energy efficient and sustainable built environment for the society. I wish you great success in fulfilling this mission!

Always remember BME, your Alma Mater, be proud of being a member of our alumni; we wish you all the best!

Dr. Nauzika Kovács

Vice-Dean for Education,

Faculty of Civil Engineering

Farewell message

from Brenda Muthuli Muwanwa

Honorable Rector, Vice-Rectors, Dean, Vice-Deans, Directors, Professors, Families, Friends and Graduating Students,

As we stand on the precipice of a new chapter in our lives, it is with a bittersweet mixture of emotions that we bid farewell to our beloved BME. These halls have been our second home, and the memories we've made here will forever be etched in our hearts. Today, we celebrate the culmination of years of hard work, dedication, and growth. Each one of us has persevered through challenges, conquered obstacles, and achieved milestones that seemed insurmountable at times. We have not only gained knowledge but also formed friendships, discovered passions, and developed skills (such as cooking spicy Biryani thanks to my Pakistani brothers) that will shape our future endeavors. As we turn the pages of our yearbook and scroll through the files in our devices, we are reminded of the countless moments that brought us joy, laughter, and even tears. From late-night study sessions to spirited pep rallies, from exhilarating victories to heartfelt performances, each experience has contributed to the vibrant tapestry of our time at BME.

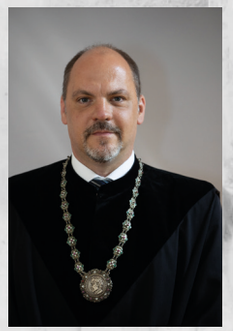
Reflecting on this journey, we must acknowledge the incredible support we received from the Tempus Public Foundation and our respective home country organizations that made this possible for the majority of us here on scholarship. We also express our heartfelt gratitude to the government and people of Hungary for their graciousness and support in accommodating international students and creating an environment where we could pursue our education and dreams. To the teachers, dean & vice dean, staff, and administrators who have nurtured and shaped us, we express our deepest gratitude. Your unwavering dedication to our growth and success is immeasurable, and we thank you from the bottom of our hearts. To our families, who have been our unwavering support system, thank you for your love, sacrifices, and belief in us. You have been our guiding light, always there to celebrate our victories and lift us up especially in prayer during our moments of doubt. We owe a debt of gratitude to our friends who have been by our side throughout this journey. They have been our pillars of support, our confidants, and our partners in adventure. The bonds we have formed here will endure the test of time, even as we embark on different paths and pursue diverse passions.

As we venture into the wider world, let us remember the lessons we have learned within these walls. Let us embrace the values of integrity, compassion, resilience, and perseverance that have been instilled in us. Though we may part ways physically, the spirit of BME will forever be ingrained in our identities. As we step into the next chapter of our lives, let us carry this spirit with us and strive for greatness in all that we do. In the words of my former president Nelson Mandela, "Education is the most powerful weapon which you can use to change the world". Our time here has shaped us into resilient, compassionate, and determined individuals, prepared to make a difference in the world. So let us continue to dream big, aim high, and never lose sight of our potential. We are the Class of 2023, and we are ready to leave our mark on the world.

Congratulations, graduates! May your future be filled with joy, success, and endless possibilities. Abundant blessings.

Brenda Muthuli Muwanwa

Faculty of Civil Engineering



Dr. Szabolcs Rózsa
Dean, Faculty
of Civil Engineering

Dr. Balázs Kövesdi
Vice-Dean, Faculty
of Civil Engineering

Dr. Nauzika Kovács
Vice-Dean, Faculty
of Civil Engineering

Faculty of Civil Engineering — BSc

Daria Bratu

Haseeb Ur Rehman

Mohammad Alsahli

Muhammad Sheharyar Khan Afridi

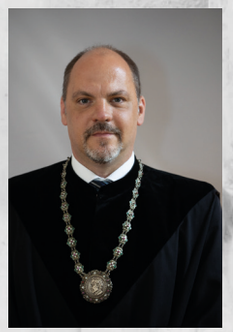
Muhammad Zain Zamir

Muwanwa Brenda Muthuli

Temirlan Zhakupov

Usama Habib

Faculty of Civil Engineering — MSc



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Dr. Nauzika Kovács
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Abdul-Mateen Osman

Ahmad Al Merhi

Byambajargal Bizaagundaa

Esraa A.O. Elragas

Gideon Nii Aryee Aryeetey

Ikram Meghchouche

Maria Uznadze

Qasim M.S. Bsharat

Uilsbat Arslan

Zerihun Hagos Hailu

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Ahmad Al Merhi
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Daria Bratu
Faculty of Civil Engineering

Esraa A.O. Elragas
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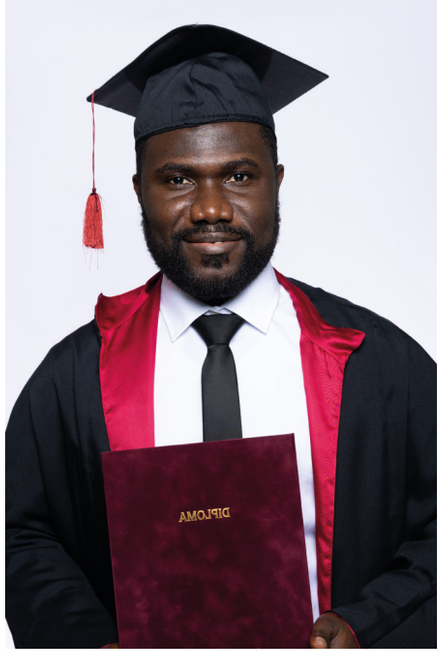

Gideon Nii Aryee Aryeetey
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Temirlan Zhakupov
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Uilsbat Arslan
Faculty of Civil Engineering

Usama Habib
Faculty of Civil Engineering

Zerihun Hagos Hailu
Faculty of Civil Engineering

Faculty of Mechanical Engineering

The Mechanical Engineering Programme at the Budapest University of Technology and Economics began in 1863. The Faculty of Mechanical Engineering was established soon afterwards, beginning official operations in the academic year 1871-1872. The Faculty is justly proud of its continuous, progressive and more than 140-year history and now offers undergraduate and graduate programs in both Hungarian and English.

The Faculty of Mechanical Engineering offers a 7-semester undergraduate BSc degree program (BSc in Mechanical Engineering) in English. The new two-year graduate program in English (MSc in Mechanical Engineering Modelling) started in February 2009. Students can start their studies either in the fall or spring semester. Individual postgraduate PhD programs, usually completed in four years, are also available for those with an MSc degree and who wish to pursue a PhD degree.

The undergraduate BSc program of the Faculty of Mechanical Engineering is designed to continue our tradition of excellence by:

• providing well-grounded and broad knowledge that graduates of this Faculty can apply immediately in their work and also use as the basis for further studies; and

• graduating competent engineers who are not only masters of their profession but also possess an ethical philosophy of engineering based on accuracy, punctuality and reliability, as well as respect for the human element.

The goals of our MSc and PhD Programmes are:

• to train creative, innovative mechanical engineers who can apply the engineering skills and the knowledge they have gained from the natural sciences on a state-of-the-art level; and

• to foster the development of leaders in engineering research and development.

The Mechanical Engineering Modelling MSc programme courses deal with those time-dependent and coupled (structural and vibration analysis, fluid dynamics, heat transfer, etc.) problems of mechanical engineering, which typically require the efficient modelling of tasks to access the continuously developing methods of computational engineering. As the joke says: 'Anything designed by a civil engineer starting to move is bad. Anything designed by a mechanical engineer NOT moving is bad, too.' Modern computational methods are prevalent in the industry since they allow inexpensive and high-fidelity analysis in the design phase. However, without a profound knowledge of the underlying physical laws and the limits of these softwares, one cannot expect proper predictions.

Computational methods are reliable if they are appropriately tested, and the principles of their applied algorithms and procedures are well understood. This process is analogous to the modern cartoon industry: the 25 pictures of one second of a cartoon can be drawn by computers if the first and the last picture of that second are designed for them by the artist, but the computers will fail if they have to draw the cartoon without any reference picture or based on the first (or last) picture only.

The tasks of mechanical engineers that typically require modelling machines in motion and time-varying processes are based on solid and fluid mechanics, thermodynamics and electronics. Modelling means understanding and actively applying the related theories supported by differential equations and numerical methods in mathematics. Modelling also needs experimental work during the research-development-innovation process in case engineers do not have enough information about the motions and processes they want to capture by a model. Finally, modelling is also affected by the engineers' knowledge of design, technology, and informatics since the model should not be so complex that the available software cannot solve them within a reasonable time and for a reasonable cost.

The above principles affected the development of this master course. After the summary of the required fundamental courses (mathematics, mechanics, thermodynamics, electronics, control and informatics), the students have to choose a major and a minor specialization from the following list of modules:

1. Solid Mechanics 2. Fluid Mechanics 3. Thermal Engineering 4. Design and Technology

The possible combinations provide flexibility among more research-oriented knowledge (combinations of the first 3 modules) and the development-oriented one (major from modules 1-3 and module 4 as minor or vice versa).

This course is offered in English only, based on the foundations provided by the solid traditions of some successful former Faculty of Mechanical Engineering courses at BME. This course is also compatible with many master courses in mechanical engineering in the European Union (see, for example, Uni. of Bristol, Uni. of Bath, ENS Cachan, TU Karlsruhe, Uni. of Hannover, and TU Munich).

Our Faculty offers its engineering education excellence rooted in the industry. It also aims at a unique position of training decision-makers and technological leaders of tomorrow. Our aim during the training is to qualify our graduates to perform as competent problem solvers, good communicators, excellent team workers, successful project leaders, and - above all - ethical participants of the World around them – locally and globally.

↑ *The ornamental chain of the Faculty of Mechanical Engineering*

Farewell message

on behalf of the Faculty of Mechanical Engineering

Since enrolling at the BME, you have heard us addressing you as “Dear Colleagues!” countless times. Please, believe me; it was not just an empty phrase from your instructors and mentors.

At the Faculty of Mechanical Engineering, we use this addressing to express that, from the beginning, we respect you and your commitment to become mechanical engineers and consider you an equal partner. Just like you, we have given the best of our knowledge, and we celebrate your diplomas and your inauguration as engineers together with you on this day. First of all, I congratulate you on your success!

The World has changed a lot recently; our and our beloved one’s health was endangered, and we are already facing a novel, even more threatening danger. These challenges have clearly shown that peace and prosperity cannot be taken for granted. As mechanical engineers, we are problem-solving professionals; we must give the best of our knowledge wherever we can contribute to peace and prosperity. As Matt Damon said in the Martian movie: “You solve one problem, and you solve the next one and then the next. And if you solve enough problems, you get to come home.”

Dear Colleagues!

Entirely new young people are standing here, replacing the ones enrolled a few semesters ago: you have mastered the competencies and skills that make you engineers. So now the World opens up: create, innovate, use your knowledge to advance humanity, and find and serve righteous purposes. I look forward to seeing great things from you!

Prof. Imre Orbulov

Dean

Faculty of Mechanical Engineering

Farewell message

from Manaf Noofal

Honorable Rector, Vice-Rectors, Dean, Vice-Deans, esteemed members of the faculty, Directors, Friends, Family, and Graduating Students,

I would like to express my deepest gratitude to you for giving me the opportunity to write a farewell speech on behalf of the 2023 graduates of the Faculty of Mechanical Engineering, BME. I would like to take this opportunity to congratulate all the graduates. You should be proud of your accomplishments over the past years of dedication at BME. Today is the day you begin to reap the benefits of your invaluable efforts and apply them in your professional or academic life.

It is worth taking advantage of this chance to thank all university administration staff and the faculty academic members. To the administrative staff, your continuous cooperation without hesitation is highly appreciated since without such help, we might encounter many obstacles. To the professors and academic staff, no words to thank you for all the valuable knowledge you have delivered to us, for your cooperation when we need it, and for the kindness that we felt. Really, we are indebted to you.

The family should earn a part of our gratitude. The family is the source of encouragement and emotional support. Many thanks for their regular contact with us to ensure that we are in good condition.

Finally, this graduation marks the end of this academic journey; however, we will remember all the good memories we have experienced. Studying at BME has given us the chance to meet many friends from many different countries, which has enriched our social experiences. In addition, the academic occasions and general celebrations will remain in our memories and remind us of the good memories of this experience.

Manaf Noofal Taha Ahmed

Faculty of Mechanical Engineering

Faculty of Mechanical Engineering — BSc

Prof. Imre Orbulov
Dean, Faculty of Mechanical Engineering

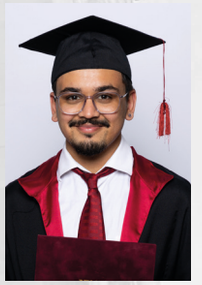
Dr. Csaba Hős
Vice-Dean, Faculty of Mechanical Engineering

Ahmed Adel Mohamed Sabri Elshafei

Ahmed Tarek Amin Ibrahim Elzefary

Chivaandulam Sukhbat

David Mafdy Naguib Tawadrous



Dhruv Pramod Gupta

Elifsu Girgin

Fared Basem Fared Rofaeel

Haeed Ahmed

Raja Taha Khan

Ricardo Ivan Saldana Huerta

Silvana Aiad Abdalla

Taleh Mehraliyev

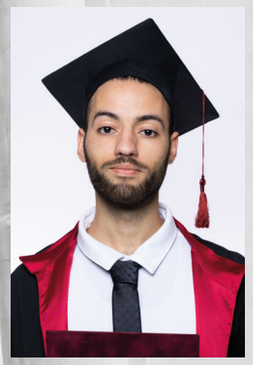
Prof. Imre Orbulov
Dean, Faculty of
Mechanical Engineering

Dr. Csaba Hős
Vice-Dean, Faculty of

Faculty of Mechanical Engineering — MSc

Afnan Khan

Aleksandr Gribkov



Karem Abi Mosleh

Manaf Noofal Taha Ahmed

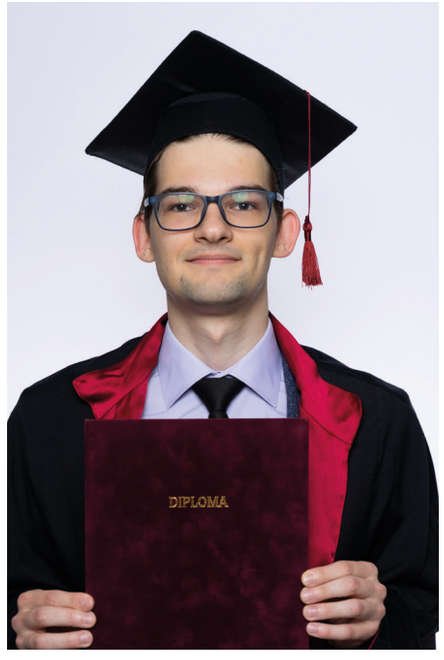
Ranu Sarwar Ghafour

Wanrong Du

Yasir Yaqoob Khan

Faculty of Mechanical Engineering

Ahmed Tarek Amin Ibrahim Elzefary
Faculty of Mechanical Engineering



Aleksandr Gribkov
Faculty of Mechanical Engineering

Afnan Kahn
Faculty of Mechanical Engineering

Ahmed Adel Mohamed Sabri Elshafei
Faculty of Mechanical Engineering

Chivaandulam Sukhbat
Faculty of Mechanical Engineering

David Mafdy Naguib Tawadrous Saleeb
Faculty of Mechanical Engineering

Dhruv Pramod Gupta
Faculty of Mechanical Engineering

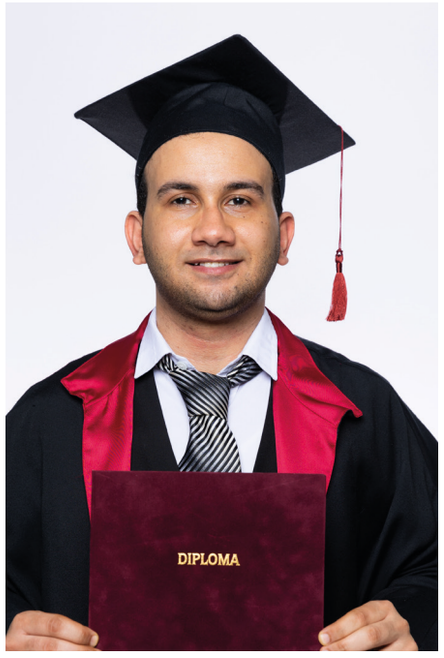
Elifsu Girgin
Faculty of Mechanical Engineering

Ijaz Hussain
Faculty of Mechanical Engineering

Karem Abi Mosleh
Faculty of Mechanical Engineering

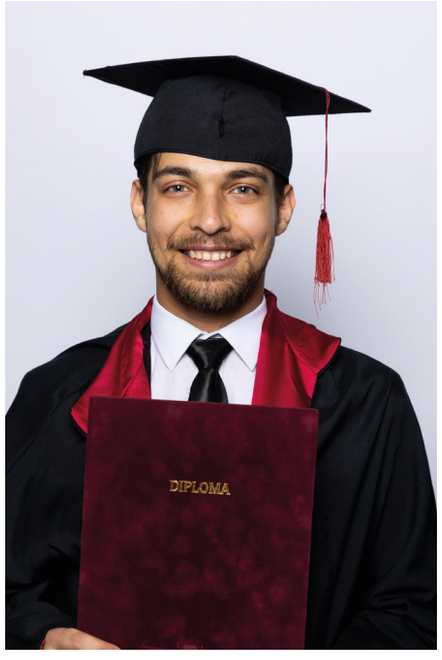
Fared Basem Fared Rofaeel
Faculty of Mechanical Engineering

Haeed Ahmed
Faculty of Mechanical Engineering



Manaf Noofal Taha Ahmed
Faculty of Mechanical Engineering

Ricardo Ivan Saldana Huerta
Faculty of Mechanical Engineering



Raja Taha Khan
Faculty of Mechanical Engineering

Ranu Sarwar Ghafour
Faculty of Mechanical Engineering

Taleh Mehraliyev
Faculty of Mechanical Engineering

Wanrong Du
Faculty of Mechanical Engineering

Ricardo Ivan Saldana Huerta
Faculty of Mechanical Engineering

Silvana Aiad Abdalla
Faculty of Mechanical Engineering

Yasir Yaqoob Khan
Faculty of Mechanical Engineering

Faculty of Architecture

The Faculty of Architecture focuses on training highly professional experts in architectural engineering who are aware of the social and cultural implications of their profession. Versatility is emphasised so that students will gain fundamental knowledge and abilities in every possible field of architecture and be able to find work in a highly competitive job market, and in any building- or design-related area of consulting, construction, and management.

Graduates of the Faculty of Architecture are qualified for a broad spectrum of architectural occupations:

- Design, construction and maintenance of residential, public, industrial and agricultural buildings;
- Reconstruction and the preservation of historical monuments;
- Urban design and settlement planning; and
- Administration of all these activities.

The curricula were organised on Swiss and German models. The Faculty has maintained these traditions for the last 40 years but provides additional European and international dimensions through guest lecturers from abroad, topical short courses, workshop seminars and exchange programs.

The Academic Programs of the Faculty of Architecture taught in English are in full conformity with the Integrated MSc Program and MSc Program provided in Hungarian, which after two years practice and experience are accepted for access to EUR-ING title.

Students, both International and Hungarian, who have a command of both languages can choose from either program. The participation of Hungarian students in the program given in English has obvious advantages. It eases the integration of international students into the society, which surrounds them during the years of their studies. It also attracts students from European, American and other universities worldwide to study in Budapest within the framework of the International Student Exchange Program and other agreements.

Hungarian students likewise gain the opportunity to study at schools of architecture abroad. These exchanges will become a powerful factor in achieving real convertibility among educational system worldwide and, eventually, mutual international recognition of degrees.

Graduation from the University is based on the successful completion of examinations in all subjects and on the successful defense of a diploma project in front of a Final Examination Board. The examinations are public and the Board consists of professors and eminent specialists in the profession. Diploma projects are prepared in the last semester under departmental guidance and can be submitted only by students with an “absolutorium” (university leaving certificate). The diploma project is expected to reflect its author’s familiarity with technical and aesthetic knowledge fundamental to architectural practice, and his/her creativity in applying it. Currently, international agreements make it possible for certain Hungarian students to prepare and defend their diploma projects in the university of another country.

Students from abroad can correspondingly prepare and defend their thesis projects under the guidance of the Faculty of Architecture at the Budapest University of Technology and Economics.

↑ *The ornamental chain of the Faculty of Architecture*

The Academic Programs of the Faculty of Architecture in English language are as follows:

General Course in Architecture (Preparatory Program)

The 1-2 semester program called General Course precedes the Integrated MSc Program. It is designed to develop the skills of students from abroad so they will be at no disadvantage in meeting the Faculty's exacting educational standards. Students are introduced to various aspects of the profession they have selected, and they concentrate on studying English and basic technical subjects such as mathematics and freehand drawing. Successful fulfilment of the General Course is equal to a successful Placement Test. The partial fulfilment of the General Course doesn't replace the Placement Test. Students who successfully pass the Placement Test can start the Integrated MSc Program.

Integrated MSc Program in Architectural Engineering

The Integrated MSc Program is a five-year (10 semester) long training and leads directly to an MSc degree in Architecture and Architectural Engineering (Dipl. Ing. Arch.). For integrated MSc degree (10 semesters) students have to accumulate min. 300 credit points. The Program requires to accomplish obligatory subjects and elective subjects too. Currently there isn't BSc program offered in English language.

Preparatory Year for Master of Science Program in Architecture (Pre-MSc Program)

The 2-semester program called Pre-MSc Program precedes the MSc Program. The Pre-MSc Program is offered for students who have earned BSc degrees in other schools of architecture and could legally join the MSc Program, but could not successfully complete the entrance exam of the MSc Program. Based on the different kind of BSc studies there might be differences in their preparedness. The aim of the Program is to equal these differences and prepare the students for the MSc Program. Students are offered to join the courses of the Integrated MSc Program. There are two kinds of courses in the Program: obligatory and suggested courses. Successful fulfilment of all the obligatory courses is equal to a successful entrance exam. Suggested courses are tendered to develop the skills of students in various fields.

Master of Science Program in Architecture (MSc Program)

MSc Program, which is a two-year (4 semester) long training and leads to an MSc in Architecture. Students who have earned BSc degrees in other schools of architecture can join the MSc Program. For MSc degree (4 semesters) students have to accumulate min 120 credit points. The Program requires to accomplish obligatory subjects and elective subjects too. During the MSc Program, students can choose after the first semester from the following specialisations: • Real-Estate Development and Facility Management • Architectural and Interior Design • City Design • Structural Design.

Note: The Faculty of Architecture reserves the right of changing the Curricula. Specialisations have a minimum required number of students to start.

The Faculty of Architecture offers Postgraduate studies in its two Doctoral Schools.

Doctoral Studies PhD (Csonka Pál Graduate School)

Studies in Csonka Pál Graduate School cover a wide range of scientific and engineering topics related to architecture, including urban sciences, energetics and sustainability, architectural heritage and history of architecture, structures, applied mechanics and applied geometry. The focus of this school is independent research under personal supervision.

Doctoral Studies DLA (Doctoral School of Architecture)

The program of the Doctoral School of Architecture leads to the PhD-equivalent degree Doctor of Liberal Arts (DLA). The four year-long curriculum strongly focuses on creative architectural design supported by project-based research.

Farewell message

on behalf of the Faculty of Architecture

Dear Graduating Students,

On behalf of all teachers and members of the Faculty of Architecture, I would like to congratulate you on your graduation.

The road to this university degree was not easy, especially the extraordinary semesters during the pandemic. You worked extremely hard to fulfil all of the requirements. You think that from today on, you will never draw or work at night again. Unfortunately, I have to say, you will. You have chosen a profession where you will sometimes be forced to work a lot and spend the night before submitting a plan. But the joy of the work done, the beauty of the drawing or the finished building will make you forget the great amount of effort.

I wish you to be a successful architect, planner, structural designer, constructor, landscape artist or entrepreneur. There are so many possibilities before you. This degree of BME is a useful “passport” to your future professional career with your knowledge and special experiences, also with the relationships and lifelong international friendships you made here at BME. So, I wish you a lot of success, recognition, and health in both your professional and private life.

I hope you will come back later as postgraduate students or as scientific or architectural partners, or simple to show your family the city and university where you spent such important and memorable years. Finally, let me share with you an important message of Kurt Vonnegut, my favourite writer:

„Don’t worry about the future. Or worry, but know that worrying is as effective as trying to solve an algebra equation by chewing bubble gum.”

Dr. Ágnes Gyetvai Balogh

Vice-Dean for International Education

Faculty of Architecture

Farewell message

from Nour Hamdan

Dear fellow graduates,

It’s an honor to be chosen by the Faculty of Architectural Engineering of BME to deliver this message on your behalf. Firstly, I would like to express my gratitude to the professors, consultants, faculty staff, deans, and board members for making it possible for us to stand here today as graduates of this honorable establishment.

Many things could be said about the journey we all took here in BME. We lived through plenty of moments, bitter and sweet, and no two stories of ours are the same, but we all share the same outcome in the fact that we leave this place as better versions of ourselves. Take a moment to reminisce on who you were on your first day here, what you aspired to be, what were your thoughts and beliefs and what dreams you had for yourself, and then take a look at yourself now that you have achieved this huge milestone you have set for yourself back then! So congratulate yourself for continuing on this path regardless of how hard it got!

From today onwards we take our future into our hands. Each of us will embark on a journey to find ourselves and start to build the person we would be proud to be. Whatever careers we decide on, whether it’s architecture or else, from here on out the world is our oyster! So seek it with confidence because if there is one thing you can be sure of is that if you’ve overcome this, it is doubtful that any other challenge will stand in your way!

Sharing these years here in BME with you has been one of the great pleasures of my life. We got to live out so much together from the most cheerful of memories to the biggest of hardships! We have all formed relations with people here who have been pillars of support throughout our academic careers. For that, I think we can all be grateful for these people who made this the unforgettable experience that it was. Therefore, I would like to thank each of you again for this journey we got to live together, and to extend my gratitude to all the family members, friends, and various figures in our lives who helped us get through it on your behalf! Congratulations to you all! and I hope you find your way to the successful life you dream of!

Nour Hamdan

Faculty of Architecture

Faculty of Architecture— MSc

Prof. György Alföldi DLA
Dean, Faculty of Architecture

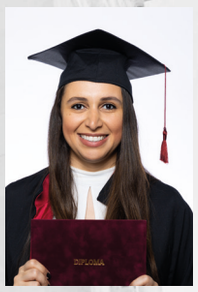
Dr. Ágnes Gyetvai Balogh
Vice-Dean, Faculty of Architecture

Amani Alharbash

Bekzat Adykhanova

Daniel Sancha Barbero

Ece Boysal



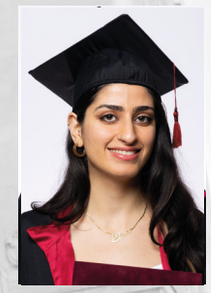
Gabriela de Arruda Pinheiro

Gabriel Zunino Packer

Kamila Kaltay

Mariga Dosmuratova

Media Haji



Merna Ibrahim Issa Albeiruti

Mohammad Alboushi

Olesya Nogina

Omar Shahrour

Ranim Alkadri

Shinebayar Ganbaatar

Subaihah Binti Fauzi

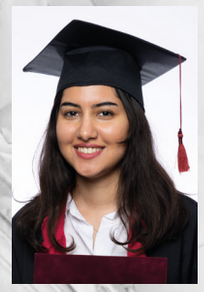
Worood Adel Hmoud Aldaaja

Prof. György Alföldi DLA
Dean, Faculty of Architecture

Dr. Ágnes Gyetvai Balogh
Vice-Dean, Faculty of Architecture

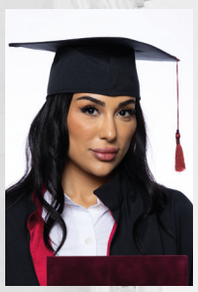
Afaf Aissaoui

Alena Dolzhikova



Atiyeh Sadeghi

Berk Atalay



Bita Azizighomsheh

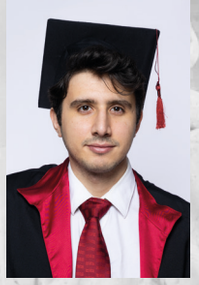
Ceren Kibaroglu

Duy Anh Pham

Emir Gerdan

Kaisa Henriikka Holtari

Lívia de Oliveira Horta Junqueira



Mehmet Furkan Turan

Miona Vuleta

Nour Hamdan

Yaren Yilmaz

Faculty of Architecture— OTM

Faculty of Architecture

Alena Dolzhikova
Faculty of Architecture

Atiyeh Sadeghi
Faculty of Architecture

Afaf Aissaoui
Faculty of Architecture

Amani Alharbashi
Faculty of Architecture

Bekzat Adykhanova
Faculty of Architecture

Berk Atalay
Faculty of Architecture

Bita Azizighomsheh
Faculty of Architecture

Ceren Kibaroglu
Faculty of Architecture

Ece Boysal
Faculty of Architecture

Emir Gerdan
Faculty of Architecture

Daniel Sancha Barbero
Faculty of Architecture

Duy Anh Pham
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Gabriela de Arruda Pinheiro
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Gabriel Zunino Packer
Faculty of Architecture

Kaisa Henriikka Holtari
Faculty of Architecture

Kamila Kaltay
Faculty of Architecture

Media Haji
Faculty of Architecture

Mehmet Furkan Turan
Faculty of Architecture

Lívia de Oliveira Horta Junqueira
Faculty of Architecture

Mariga Dosmuratova
Faculty of Architecture

Merna Ibrahim Issa Albeiruti
Faculty of Architecture

Miona Vuletar
Faculty of Architecture

Mohammad Alboushi
Faculty of Architecture

Nour Hamdan
Faculty of Architecture

Ranim Alkadri
Faculty of Architecture

Shinebayar Ganbaatar
Faculty of Architecture

Olesya Nogina
Faculty of Architecture

Omar Shahrour
Faculty of Architecture

Subaihah Binti Fauzi
Faculty of Architecture

Worood Adel Hmoud Aldaaja
Faculty of Architecture

Yaren Yilmaz
Faculty of Architecture

Faculty of Chemical Technology and Biotechnology

The education of chemical engineers and chemists has a long-standing tradition in Hungary. Hungary's earliest chemistry department was established in 1763 at the Selmecbánya Mining School, the first school to offer practical instruction in the chemical laboratory. In 1769, a common department for chemistry and botany was founded at the University of Nagyszombat, which was resettled to Buda in 1777, and later to Pest. In 1846, the Department of General and Technical Chemistry was founded at Joseph II Industrial School, a Budapest University of Technology and Economics's predecessor institution. Education of chemical engineers, separate from that of mechanical and civil engineers, reaches back to the academic year 1863-1864.

The Royal Joseph Polytechnic became a technical university in 1871. The academic freedom granted by this university-level status allowed students to freely select the subjects they wished to study.

However, the need for an interrelated, logical sequence of subjects soon became evident, so in 1892 a compulsory curriculum and timetable was introduced. From the foundation of the Faculty until 1948, only a four-year-term of studies, without specializations, was offered. Following the educational reforms of 1948, the departments of Inorganic Chemical Technology, Organic Chemical Technology, and Agricultural and Food Chemistry were established. The Inorganic Chemical Technology Department is no longer a part of the Faculty because in 1952 its tasks were taken over by the University of Chemical Industry in Veszprém. Further reforms in the 1960s extended chemical engineering studies to the MSc level and introduced the range of specialized studies identified below. A PhD program has also been established. Studies in English at the Faculty of Chemical Engineering began in the academic year 1985-1986.

Students in the BSc program receive a thorough introduction to areas basic to chemical engineering before they begin their specializations in the fifth semester. Courses of the following specializations are available to students learning in the English formation, depending on the number of applicants (at least 3 applicants) at BSc (7 semesters) levels: Chemical and Process Engineering, Industrial Pharmaceutics, Materials Science.

Students in the BSc chemical engineering program receive a thorough core curriculum. These include natural sciences as chemistry, mathematics and physics, and engineering fundamentals as unit operations, process control. We assure, that our students besides a profound theoretical knowledge, can acquire up-to-date laboratory skills, get acquainted with the machines and apparatuses used in the chemical industry, know the principles needed for their optimal operation, and develop expertise in a more specific technology within the chemical, food and light industries.

The studies are completed by performing an individual bachelor thesis project and submission of the thesis. Graduation is completed after all required credits are gained, by a successful defense of the thesis and a final examination before the Final Examination Board of professors and eminent industrialists.

In the Msc formation (4 semesters) The Modern Chemical Technology specialization offers the following elective modules (groups of subjects): analytics, biotechnology, materials science, pharmaceuticals, technology.

Chemical engineering MSc students get a high-level knowledge in natural sciences, engineering, informatics, and economics as well as in humanities. On an international comparison our curriculum is chemistry focused, and it is especially suitable for motivated applicants having carrier plans in research and development or project management.

The studies are completed by performing an individual master thesis project and submission of the thesis. Graduation is completed after all required credits are gained, by a successful defense of the thesis and a final examination before the Final Examination Board.

All programs are organized in the credit system providing a relatively high degree of freedom in subject selection, but prerequisites (at BSc level) have to be taken into account when the individual study program is set. Further information on the Faculty can be found at our website: http://ch.bme.hu/en/

↑ *The ornamental chain of the Faculty of Chemical Technology and Biotechnology*

Farewell message

on behalf of the Faculty of Chemical Technolgy and Biotechnology

Dear Graduated Students,

First of all, on behalf of the community of the Faculty of Chemical Technology and Biotechnology I would like to congratulate you on your graduation. You have obtained a diploma of BME, which is accepted and recognized all over the world. Be proud of this diploma, and be also proud of yourself, that you could earn it working hard during the semesters.

Generally, it is fundamentally hard, if somebody learns in a foreign country, in a foreign language, even in a foreign cultural environment. You have started your studies here several semesters ago, and I hope, as the semesters passed, this foreign environment became more and more familiar, as it generally happens classes by classes, year by year. You have found new friends, you could know a little bit Hungary through the events organized for you, or by your own curiosity. I think this helped you in the adaptation resulting that the higher semesters became a little bit easier.

Chemistry is a practice-oriented scientific area which requires quite a lot manual work in different laboratories. Thus, compared to some other branches of science, you had to spend more time between the walls of the campus. This might be a little bit tedious, but in the other side it might help to learn the teamwork, and to know better your colleagues from Hungary and from several countries of the world.

Now, using this big, but usual cliché, you have reached a new milestone. Some of you start to find a job, or already have it, while some of you continue learning in a master or PhD formation.

I hope, as in the previous years, some of you want to apply to our further formations. We are ready to continue the common work, hopefully already under normal conditions.

Of course, many of you will start to work. Nowadays there are big problems all over the world, which require the action of innovative and creative engineers. To avoid the emerging pandemic situations, or at least to reduce their seriousness, to keep the environment clean with cleaner and safer processes, to develop more efficient and cleaner methods for the energy production and consumption, simply to keep the sustainability of the Earth while making the daily life easier, so many challenges standing in front of the chemists. To resolve these problems, or at least most of them, this is a very big and important job for you.

So don't be afraid, you will have a plenty of work in the future.

All in all, whatever are your future plans, I wish you in my name and also in the name of our faculty a happy and successful professional and private life. And keep in your good mind BME, your Alma Mater.

Prof. Zoltán Hell

Course Director

Faculty of Chemical Technology and Biotechnology

Farewell message

from Lyu Mengling

Dear Graduates,

It is an honor to be chosen to address you all on this important day. First of all, I would like to express my congratulation to everyone, congratulate for graduating from BME with excellent grades and honors in their continuous pursuit!

Looking back, it feels like just yesterday we stepped foot on campus, wide-eyed and unsure of what the future held. As individuals from different backgrounds, graduating with degrees from various fields, we have had different experiences, each with our unique dreams and aspirations. But over the years, we forged bonds that surpassed the boundaries of cliques and differences. We became a family, a support system that pushed and encouraged one another to reach for the stars.

In our time here, we were not just recipients of knowledge; we were also given the tools to become lifelong learners. We learned the value of critical thinking, the power of empathy, and the importance of embracing change. Our teachers imparted wisdom that went beyond textbooks, and their dedication to our growth has left an indelible mark on our hearts.

Although we may be saying goodbye to our alma mater, we are not bidding farewell to the memories we have created here. These memories will forever be etched in our minds and will serve as a constant reminder of the transformative years we spent together. They will be a source of strength, inspiration, and nostalgia as we navigate the uncertainties of the future.

I am confident that we will all find success in our respective fields, whether we end up working in our graduated disciplines or decide to go in a different direction; we are walking away from here as more than just engineers, scientists, or economists, we are leaving as well-rounded individuals, equipped to handle anything that life throws our way.

Once again, congratulations, dear fellow graduates, and thank you to everyone who has guided us to this day. It has always been a delightful honors to be a part of BME.

Lyu Mengling

Faculty of Chemical Technology and Biotechnology

Prof. András Szarka
Dean, Faculty of Chemical Technology and Biotechnology

Dr. Alfréd Kállay-Menyhárd
Vice-Dean, Faculty of Chemical Technology and Biotechnology

Faculty of Chemical Technology and Biotechnology — BSc

Khulan Purevbaatar

Quynh An Cao

Rodrigo Carvalho Dudas

Xiaoyuan Zhang

Prof. András Szarka
Dean, Faculty of Chemical Technology and Biotechnology

Dr. Alfréd Kállay-Menyhárd
Vice-Dean, Faculty of Chemical Technology and Biotechnology

Mengling Lyu

Yanhong Gao

Faculty of Chemical Technology and Biotechnology — MSc

Faculty of Chemical Technology and Biotechnology

Khulan Purevbaatar
Faculty of Chemical Technology and Biotechnology

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Faculty of Chemical Technology and Biotechnology

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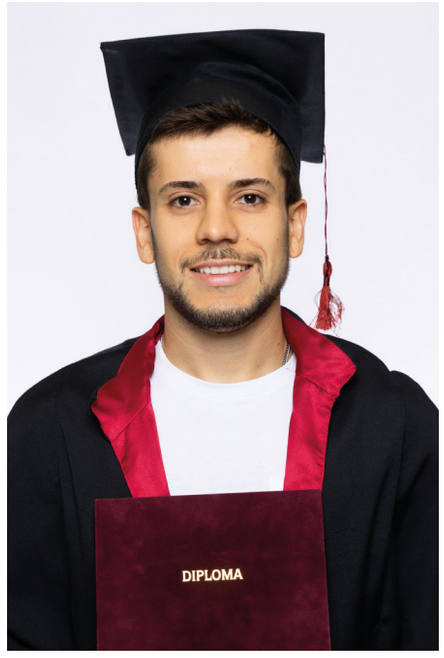
Faculty of Chemical Technology and Biotechnology



Rodrigo Carvalho Dudas
Faculty of Chemical Technology and Biotechnology

Xiaoyuan Zhang
Faculty of Chemical Technology and Biotechnology

Yanhong Gao
Faculty of Chemical Technology and Biotechnology

Faculty of Electrical Engineering and Informatics

The Faculty of Electrical Engineering, founded in 1949, has been renowned for excellence in research and education throughout the years of changes in the scope of engineering. Over this period, the faculty has earned a widespread international reputation for its high academic standards and scientific achievements.

Spearheading the movement to establish a modern education system, it has offered a comprehensive English curriculum since 1984. In 1992 the name of the faculty was changed to Faculty of Electrical Engineering and Informatics to recognize the growing importance of computer science. The education programs in English include a 3.5-year BSc, a 2-year MSc, and a 4-year Ph.D. program in the fields of electrical engineering and computer science engineering.

The undergraduate BSc Program (7 semesters) aims at providing comprehensive knowledge with sound theoretical foundations. The specializations in Electrical Engineering are infocommunication systems, embedded and controller systems, and power engineering. Studies in Computer Science and Engineering include specialization in infocommunication and software engineering. Each specialization contains courses focusing on the field of interest followed by a laboratory course and project subjects.

The MSc Program (4 semesters) advances electrical engineering, computer science, and information technology knowledge. The Electrical Engineering program offers major specializations in embedded systems, info communication systems, and electrical machines and drives; while the Computer Science and Engineering program offers specializations in Applied Internet Architecture and Services, and Applied informatics.

The post-graduate Ph.D. program is available in all domains offered in the MSc program.

Since research and development require innovative engineering expertise, one of the major concerns of the faculty is to endow students with high-level mathematical skills in modeling complex engineering systems. This objective implies the use of the system and algorithmic theory in addition to thorough knowledge in physics. The search for optimal solutions in the highly complex architectures necessitates not only engineering but also economic considerations.

Several strategies have been designed to help students develop high-level mathematics, physics, and computation skills. Besides theoretical knowledge, they need to carry out design and development activities in communication, instrumentation, and power industries to further perfect their practical skills.

Scientific groups are formed to encourage the students to do independent but supervised laboratory work. The set of the project subjects is one of the core parts of the studies which are dedicated to independent problem solving with the armory of modern workstations and software packages. The expertise of handling these tools is inevitable in pursuing an engineering career.

The faculty maintains close contact with well-known multinational companies and smaller industrial players to strengthen the transfer of knowledge and know-how between the university and industry. As a result, many industry experts offer their experience and knowledge as part-time lecturers, project supervisors, and examination committee members.

↑ *The ornamental chain of the Faculty of Electrical Engineering and Informatics*

Farewell message

on behalf of the Faculty of Electrical Engineering and Informatics

Dear Graduating Students, Ladies and Gentlemen,

I would like to congratulate you on your graduation on behalf of all the BME Faculty of Electrical Engineering and Informatics citizens.

The road to a technical university degree is not easy. When you entered the university as a first-year student, the opening celebration speeches drew attention to the following:

- You will be a student of a university with a long history.
- We will teach you to think systematically.
- You will acquire theoretical and practical knowledge that enables you to become an international-level engineer.
- In addition to learning, you can also become a member of communities.

The graduation ceremony is another important milestone; graduation is the coronation of a joint effort of the student, family, and university staff. I hope we have shown you all the beauty and responsibility of engineering life. I am also confident that you will become innovative and creative engineers. The quality of your diploma will be confirmed; the degree of BME VIK is a valuable “passport” to your future professional life. During your university years, in addition to the study, you made professional relationships and lifelong international friendships.

Please be proud that you graduated from the Faculty of Electrical Engineering and Informatics of the Budapest University of Technology and Economics!

I wish you, young colleagues, a lot of success, recognition, and health in both your professional and private life.

Dr. Eszter Gerhátné Udvary,

Associate Professor, Course Director

Faculty of Electrical Engineering and Informatics

Farewell message

from Layan Sawalha

Honorable Rector, Vice-Rectors, Dean, Vice-Deans, Directors, Professors, Families, Friends and Graduating Students,

As we come to the end of our academic journey together, I want to reflect on the incredible experiences we have shared at this esteemed institution. Our time at the Budapest University of Technology and Economics has been transformative and filled with growth, learning, and unforgettable memories.

To my fellow classmates, thank you for the laughter, the late-night study sessions, and the camaraderie that made this journey so special. We have supported and inspired each other, pushing the boundaries of our knowledge and abilities. Whether we were tackling challenging assignments, participating in engaging discussions, or collaborating on projects, our collective determination has made us stronger and more resilient.

I would also like to extend my deepest gratitude to the exceptional faculty members and staff who have guided us on this transformative journey. Your dedication, knowledge, and unwavering belief in our potential have propelled us forward. You have not only imparted knowledge but have also fostered an environment where we can explore, question, and grow as individuals. Your mentorship has been invaluable, and we will carry the lessons learned from you throughout our lives.

Budapest University of Technology and Economics has been our home away from home, a place where dreams were nurtured, and possibilities were embraced. Here, we have honed our skills, expanded our horizons, and developed the resilience needed to overcome challenges. As we embark on new adventures, may we carry with us the lessons learned, the friendships forged, and the indomitable spirit that defines the Budapest University of Technology and Economics community. Let us go forth with confidence, making a positive impact in our respective fields and contributing to the betterment of society. Let us carry the spirit of the Budapest University of Technology and Economics with us as we navigate the complexities of the world. We are now equipped with the tools, values, and determination to make a difference and shape a better future.

Lastly, I want to express my deepest gratitude to all those who have supported us along the way - our families, friends, and loved ones. Their unwavering belief in us, their sacrifices, and their unconditional love have been the foundation upon which we have built our success. We owe them a debt of gratitude that can never truly be repaid.

Thank you, Budapest University of Technology and Economics, for the incredible memories and invaluable education. Congratulations, dear graduates, on this significant milestone. May your future be bright, your dreams be realized, and your hearts be filled with joy and success.

With heartfelt gratitude and love,

Layan Sawalha

Faculty of Electrical Engineering and Informatics

Faculty of Electrical Engineering and Informatics — BSc

Prof. Charaf Hassan
Dean, Faculty of Electical Engineering and Informatics

Prof. Gábor Horváth
Vice-Dean, Faculty of Electical Engineering and Informatics

Abir Shahriar Pranto

Ademi Izmailova

Ahmed Raafat Abdelraouf Mohamady

Anjan Kumar Das

Areeba Tabassum Shoaib

Ayana Satayeva

Daniil Brodt

Ghada Bourguiba

Kaixiang Zhang

Khongmeng Kormoua

Mehdi Moazamigodarzi

Mohamed Hazem Bouzir

Mohamed Khaled Ahmed Alboraee Soliman

Nayima Urooj

Türker Erbasi

Vladimir Dukanovic

Prof. Charaf Hassan
Dean, Faculty of Electical Engineering and Informatics

Prof. Gábor Horváth
Vice-Dean, Faculty of Electical Engineering and Informatics

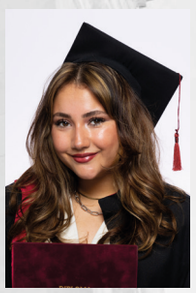
Faculty of Electrical Engineering and Informatics — MSc

Aliya Zhetpisbayeva

Behzod Narzulloev

Jizhu Jin

Laman Suleymanova



Layan Sawalha

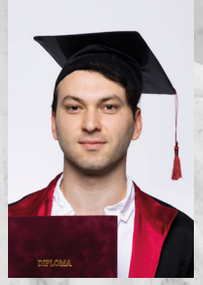
Linea Dute Mwaetako

Mazen Jouni

Md Ibrahim Khan Tuhin

Mohammad Roshandelpour

Mohammadreza Ahmadpour



Orkhan Shahbazov

Peter Magdy Adeeb Kirolos

Shukhrat Tojiev

Tianyi Liu

Faculty of Electrical Engineering and Informatics

Abir Shahriar Pranto
Faculty of Electrical Engineering and Informatics

Ademi Izmailova
Faculty of Electrical Engineering and Informatics

Ahmed Raafat Abdelraouf Mohamady
Faculty of Electrical Engineering and Informatics

Aliya Zhetpisbayeva
Faculty of Electrical Engineering and Informatics

Anjan Kumar Das
Faculty of Electrical Engineering and Informatics

Areeba Tabassum Shoaib
Faculty of Electrical Engineering and Informatics

Ayana Satayeva
Faculty of Electrical Engineering and Informatics

Behzod Narzulloev
Faculty of Electrical Engineering and Informatics

Jizhu Jin
Faculty of Electrical Engineering and Informatics

Kaixiang Zhang
Faculty of Electrical Engineering and Informatics

Daniil Brodt
Faculty of Electrical Engineering and Informatics

Ghada Bourguiba
Faculty of Electrical Engineering and Informatics

Khongmeng Kormoua
Faculty of Electrical Engineering and Informatics

Layan Sawalha
Faculty of Electrical Engineering and Informatics

Laman Suleymanova
Faculty of Electrical Engineering and Informatics

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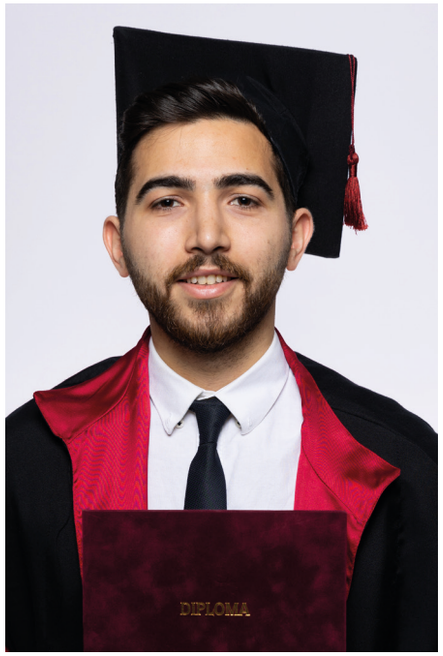
Faculty of Electrical Engineering

Md Ibrahim Khan Tuhin
Faculty of Electrical Engineering and Informatics

Mehdi Moazamigodarzi
Faculty of Electrical Engineering and Informatics



Mazen Jouni
Faculty of Electrical Engineering and Informatics

Md Ibrahim Khan Tuhin
Faculty of Electrical Engineering and Informatics

Mohamed Hazem Bouzir
Faculty of Electrical Engineering and Informatics

Mohamed Khaled Ahmed Alboraee Soliman
Faculty of Electrical Engineering and Informatics

Mohammad Roshandelpour
Faculty of Electrical Engineering
and Informatics

Mohammadreza Ahmadpour
Faculty of Electrical Engineering
and Informatics

Nayima Urooj
Faculty of Electrical Engineering
and Informatics

Orkhan Shahbazov
Faculty of Electrical Engineering
and Informatics

Peter Magdy Adeeb Kirolos
Faculty of Electrical Engineering
and Informatics

Shukhrat Tojiev
Faculty of Electrical Engineering
and Informatics

Tianyi Liu
Faculty of Electrical Engineering
and Informatics

Türker Erbasi
Faculty of Electrical Engineering
and Informatics

Vladimir Dukanovic
Faculty of Electrical Engineering
and Informatics

Faculty of Transportation Engineering and Vehicle Engineering

The Faculty of Transportation Engineering and Vehicle Engineering (founded in 1951) has been training engineers in transportation, vehicle engineering and logistics. There are three basic specifications:

- BSc in Transportation Engineering (only in Hungarian),
- BSc in Vehicle Engineering (only in Hungarian),
- BSc in Logistics Engineering (only in Hungarian),

As the second stage of the linear training courses (BSc), there are four master training courses (MSc):

- Transportation Engineering master speciality (Hungarian and English),
- Vehicle Engineering master speciality (Hungarian and English),
- Logistics Engineering master speciality (Hungarian and English),
- Autonomous Vehicle Control Engineer (only English).

With adequate BSc qualification, certified engineering qualification (MSc) can be obtained in 2 years (4 semesters) at these master training specialities. All the fundamental and complementary education continued by the Faculty is carried out under the rules of the ECTS (European Credit Transfer System).

Farewell message

on behalf of the Faculty of Transportation Engineering and Vehicle Engineering

"The only true wisdom is in knowing you know nothing." — Socrates

Dear graduates, colleagues, family, and friends,

Congratulations to you all. I would also like to thank all of the colleagues who have worked tirelessly to help all of you and have worked exceptionally hard. They are the heart and soul of this University, as they are fully committed to our mission of continuously improving education. Your teachers have served as teachers, colleagues, mentors, and friends in the previous challenging days.

We are here to award our graduating students' diplomas, which we will do shortly. The basic idea that all of you learnt here is that you should focus on what you are doing and precisely know what you are not knowing. We were committed to providing our students with the best possible education to prepare them for their future transportation or vehicle engineering careers.

To meet the needs of our students and future employers, the faculty members are constantly thinking about how to improve what they teach. Employability is the focus of our program, and to equip our students to meet the industry's challenges, we need to provide them with appropriate practical lessons and enhance their understanding through experiential learning. To support these aims, we also need to examine and recreate the knowledge base that informs our teaching, and thus research is increasingly becoming essential to our program.

Finally, I hope you enjoyed your time, learnt a lot, and will be able to use the knowledge that you gathered here wisely.

"A great man is always willing to be little." — Ralph Waldo Emerson

Dr. Ádám Török

Vice-Dean for Scientific and International Relations,

Faculty of Transportation Engineering and Vehicle Engineering

Farewell message

from Abdallah Amjed Rashed Mohammad

Dear Vice-Rectors, Faculty Deans, Professors, Families, Graduates, and guests in this Ceremony,

I feel honoured to be sharing this special moment with you all and delivering the farewell speech on behalf of every student on our last day of university life.

First of all, I would like to take this opportunity to express my appreciation to all professors in the faculty for the motivation and continuous support throughout our academic journey. Their unconditional support and encouragement have seen us succeed. I am also grateful to the Stipendium Hungaricum Scholarship for giving everyone this great opportunity to make our dreams come true. Thank you BME for welcoming us in Hungary, becoming our second home, providing a high level of education, and making this chapter in our lives a very special and unique experience.

Secondly, congratulations to all graduates on successful completion of the course. We enjoyed the University years, but the time has come to say our goodbyes. I know our journey wasn't always easy, especially while commencing education during the COVID-19 pandemic but here we are, closing this wonderful chapter full of memories and experiences, and excellent education. Our journey does not stop here. In fact, it is just the beginning. Armed with a good foundation and solid knowledge we are entering a new chapter of our lives. I am sure that we are all capable of facing the odds, overcoming difficulties and succeeding in our unique goals.

While we come from different countries and backgrounds, we all share the same aspiration for the future as we enter a new phase of our lives. Some of us will pursue their studies, others will begin their career, some will travel abroad or go back home. Wherever life takes you, reflect on your journey up to this point in time and make sure to be a good human being going forward! Be capable enough to serve the people and your family. Go and show the world what you can do!

Finally, I am very thankful to everyone for giving me an opportunity to grow and achieve in what I set out to do. I have watched my teachers work hard to support and encourage us and found everyone here so eager to help. I have seen ups and downs but believe they have played an important role in making me an independent and confident person. I want to give the credit of my success to this institute, my parents, the Palestinian people, my friends and everyone who made this journey an unforgettable experience for me and everyone.

I have some inspirational lines for you:

"Live as if you were to die tomorrow. Learn as if you were to live forever."

Abdallah Amjed Rashed Mohammad

Faculty of Transportation Engineering and Vehicle Engineering

Faculty of Transportation Engineering and Vehicle Engineering— BSc

Prof. István Varga
Dean, Faculty of Transportation Engineering and Vehicle Engineering

Dr. Ádám Török
Vice-Dean, Faculty of Transportation Engineering and Vehicle Engineering

Ebenezer Kwaku Oppong Afrifa

Haitham Al Andary

Husam MJ MS Altamimi

Hussein Sarhan Mohammed Dulaimmi

Maxut Talgatov

Shyamsundar Sudharsanam

Silas Gyamfi Frimpong

Toghrul Nabili

Prof. István Varga
Dean, Faculty
of Transportation
Engineering and
Vehicle Engineering

Dr. Ádám Török
Vice-Dean, Faculty
of Transportation
Engineering and
Vehicle Engineering

Faculty of Transportation Engineering and Vehicle Engineering— MSc

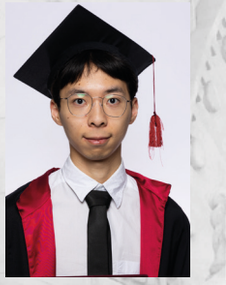
Abdallah Mohammed Nassor Mazrui

Burak Altintas

Davis Kipkania Kiboi

Haipeng Tian

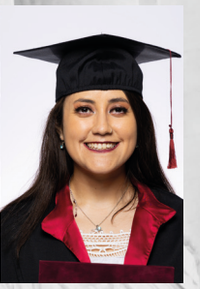
Hanmei Zhou



Jiaqi Sun

Layal Al Banna

Mariana Manacorda Da Costa



Pamela Jackeline Romero Maldonado

Shakir Ullah

Taha Emin Özcelik

Tiago Tabosa Ferreira Costa

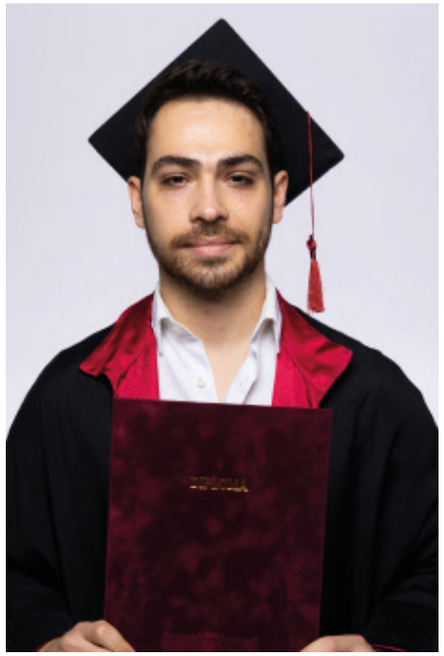
Yoga Akbar Ermansyah

Youssef Boulahcen

Yunpeng Ma

Faculty of Transportation Engineering and Vehicle Engineering

Abdallah Mohammed Nassor Mazrui
Faculty of Transportation Engineering and Vehicle Engineering



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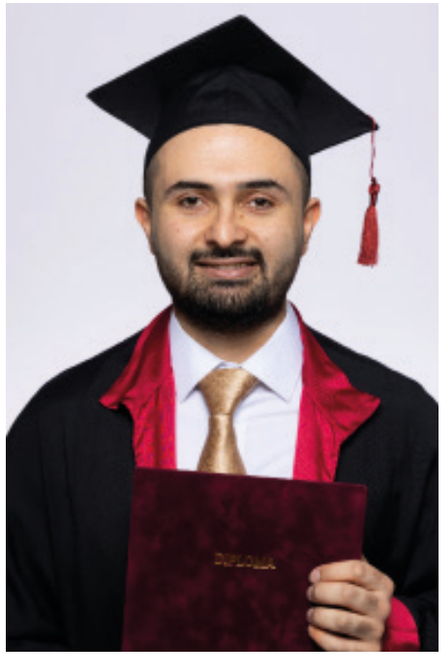

Husam MJ MS Altamimi
Faculty of Transportation Engineering and Vehicle Engineering

Hussein Sarhan Mohammed Dulaimmi
Faculty of Transportation Engineering and Vehicle Engineering

Jiaqi Sun
Faculty of Transportation Engineering and Vehicle Engineering

Layal Al Banna
Faculty of Transportation Engineering and Vehicle Engineering

Mariana Manacorda Da Costa
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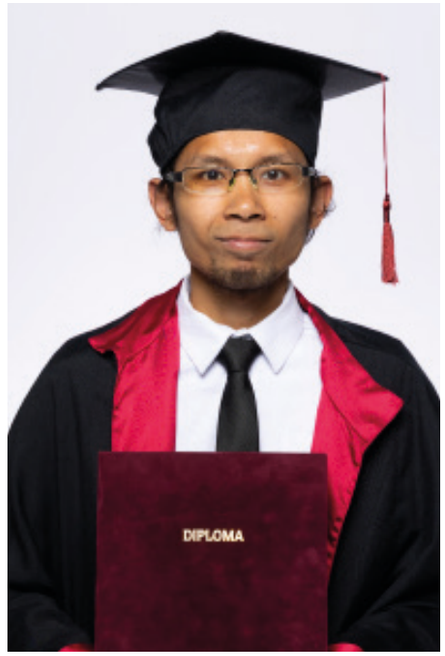
Faculty of Transportation Engineering and Vehicle Engineering



Yoga Akbar Ermansyah
Faculty of Transportation Engineering and Vehicle Engineering

Youssef Boulahcen
Faculty of Transportation Engineering and Vehicle Engineering

Yunpeng Ma
Faculty of Transportation Engineering and Vehicle Engineering

Faculty of Natural Sciences

The Faculty of Natural Sciences employs about 250 full and part time faculty members. The Faculty provides classes in Physics, Mathematics and Cognitive Science and is committed to meet the needs of its own and other faculties. Courses are offered on BSc, MSc and PhD degree levels. The Faculty provides post-graduate scientific training as well.

Currently more than 100 PhD students are pursuing personal programs in different areas of sciences. The Faculty also offers short courses on specific topics of current interest.

The Faculty of Natural Sciences administers its own BSc and MSc programs in Physics, Mathematics, Applied Mathematics and Cognitive Science. A continuing educational program is also offered in Reactor Physics and Reactor Technology. For many years the “Eugene Wigner International Training Course for Reactor Physics Experiments” was also organized on a yearly basis.

The BSc in Physics program, a traditional curriculum, leads to a BSc degree in 6 semesters. The facilities and scientific-tutorial background of the Institute of Physics and the Institute of Nuclear Techniques offer unique opportunities in areas like low temperature physics, acousto-optics, holography, nuclear techniques or medical physics. A further advantage of our Physics BSc Program is the engineering background provided by the Budapest University of Technology and Economics. From the forth semester students can choose specialized courses in the topic of Advanced mathematics, Advanced physics, Computer programming, Optics, Material science, Nuclear technology, and Medical physics.

From 2023, we start a new, 7 semester long BSc program in English, “physicist-engineer”, offered for international students, too. The program focuses on rapidly developing technological areas such as quantum and nanotechnology, data science and artificial intelligence, photonics, quantum optics and materials science, sustainable energy, and nuclear technology. Several companies have endorsed with the programme to provide internship and possible future employment for the prospective graduates.

In additional 4 semesters an MSc in Physics degree can be earned. This program provides comprehensive knowledge, built upon strong theoretical and experimental bases in four areas of specialization. Students who choose the specialization “Physics” get acquainted with theoretical tools of modern physics and with state-of-the-art experimental methods. In addition to the obligatory courses, students can choose specialized professional courses in the topic of Quantum physics, Solid state physics, Statistical physics, Nanotechnology and material science, Optics and photonics, Nuclear technology, and Medical physics. A post-graduate PhD programme in Physics is available in all domains offered in the MSc program.

The BSc in Mathematics program, a traditional curriculum, leads to a BSc degree in 6 semesters. This program is recommended first of all to those who are interested in a deeper understanding of some branches of mathematic and in doing theoretical research and are probably going to continue their studies in a Mathematics or an Applied mathematics MSc program. Moreover, the BSc program is also recommended to students who are eager to apply their knowledge in industry or finance.

In additional 4 semesters an MSc in Mathematics or MSc in Applied Mathematics degree can be earned. A large variety of subjects are offered in the MSc in Mathematics, covering the topics algebra and number theory, analysis, geometry, probability theory and statistics, discrete mathematics, operations research. There is a large flexibility in choosing subjects according to the personal interests of the students.

In the MSc in Applied Mathematics program the students who choose the “Applied Analysis” specialization will meet applications of mathematical analysis in natural sciences, finance and industry. Graduates from the “Operations Research” specialization are able to create models for problems in controlling systems or optimization. Students who specialized in “Financial Mathematics” can analyze financial processes or insurance problems and are able to interpret the results. Graduates from the “Stochastics” specialization can recognize and study random laws in various phenomena. The language of courses of the specializations “Applied Analysis” and “Operation Research” is Hungarian, while the specializations “Financial Mathematics” and “Stochastics” is English.

MSc in Computational and Cognitive Neuroscience program currently available only in Hungarian. The aim of this master program is to train researchers skilled in complex analysis of human cognition and knowledge relying on the methods of science. Students may complete courses in all major domains of cognitive science including cognitive psychology, neuroscience, linguistics and the philosophy of science. Students will be equipped with both theoretical knowledge and practical skills such as statistical analysis and research ethics. Graduates will be able to carry out research in various areas of cognitive science combining theoretical

↑ *The ornamental chain of the Faculty of Natural Sciences*

insights and methods of biological (neuroscience, experimental psychology, developmental studies), and formal (mathematics, logic, philosophy of science, linguistics) disciplines. Graduates' competences allow them to undertake doctoral studies, and to work in a variety of applied domains including medicine, biotechnology and education.

The Institute of Nuclear Techniques organises several postgraduate degree programs. The two-semester Nuclear Power Plant Operation program and the four-semester Reactor Technology and the Nuclear Technology Management programs are offered to professionals working in the nuclear industry. The professional subjects include e.g. reactor physics, thermohydraulics, radiation protection, radiochemistry, reactor technology, nuclear safety and laboratory experiments. In the Nuclear Technology Management post-graduate degree program combination of nuclear technology and management knowledge and skill. This specific program has been endorsed by the International Atomic Energy Agency as 7th in the World.

The Institute of Nuclear Techniques also organises – or participates actively in the organisation of – several international courses as well. Worth mentioning are the HUVINETT (Hungarian Vietnamese Nuclear Engineering Train the Trainers) courses, where more than 150 Vietnamese educational professionals attended in the previous years. In addition, the participants of the training courses offered by the international EERRI consortium (Eastern European Research Reactor Initiative) perform experiments in the Training Reactor of BME. In this consortium institutes of 5 Eastern European countries cooperate, with the organisatory and financial aid of the International Atomic Energy Agency (IAEA).

Farewell message

on behalf of the Faculty of Natural Sciences

Dear Graduating Students, Ladies and Gentlemen,

At this short ceremony, we hand you your well-deserved diploma. You certainly keep it in mind that there has been a long, persistent work behind it. It took you a lot of effort, hard work, completing homeworks, tests, project assignments, and exams, writing a thesis. You gained a wealth of new knowledge in the meantime and you got enriched with a number of new skills. Your success today involves, of course, the dedicated work of your mentors and professors. In the background, your parents, relatives and friends were always there helping you through the difficulties. A special thank should go to them now.

You are now starting your career in a world that is changing at an amazing pace. It is full of challenges for the mankind including how to provide sustainable development in several areas, how to found a circular economy, how to fight climate change.

When studying Mathematics or Physics you got used to an abstract way of thinking and acquired complex problem-solving skills. This will help you in a wide range of fields – sometimes seemingly far from Mathematics and Physics – to have a view of certain problems that focused experts of the field might not have. While this is a chance, it is also a responsibility to look for the best solution, to keep track of all possible outcomes and to promote a logical way of thinking wherever you are. Please remember that the knowledge and the skills you acquired at the BME should always serve to build a better world around you. We hope that you knowledge will help you contribute to the above-mentioned global challenges.

We sincerely hope that you have attained a positive attitude toward Hungary, our food and customs and that you are holding a lot of good memories. We encourage that you retain the contact with your former professors, we are eager to profit from any professional contacts in the future.

On behalf of the staff of the Faculty of Natural Sciences, I congratulate you on your graduation. We are all glad for your beautiful success. We wish you good luck, recognition and much joy for your further work and studies.

Prof. Attila Aszódi

Dean

Faculty of Natural Sciences

Farewell message

from Stanley Salim

Honorable Rector, Vice-Rectors, Dean, Vice-Deans, esteemed members of the faculty, Directors, Friends, Family, and Graduating Students,

It is an incredible honor for me to stand on the podium today and deliver this farewell speech on behalf of the graduating students from the Faculty of Natural Sciences at the beloved Budapest University of Technology and Economics.

“As rice grows riper, the lower it bows its head,”

is a profound proverb originated from my home country of Indonesia that reflects deeply our journey here. Our people, who mainly rely on rice as a staple food, have derived wisdom from nature itself and learned a vital life lesson. When a rice stalk is still young and growing, it stands tall. But as it matures, it humbly bends its head toward the ground. This metaphor reflects the growth of us as individuals. The more educated and accomplished we become, the more humility and groundedness we should embrace in light of our achievements.

Looking back, it seems like just yesterday that we entered this institution as eager freshmen, searching for meaning in our world and in our lives. Do you remember the struggles, tears, and exhaustion we endured during those semesters of hard work? Do you recall the satisfaction, immeasurable joy, and peace of mind accompanying our triumphs over challenges, exams, and deadlines? And how can we forget the times we share the laughter and immeasurable happiness with our dear friends and comrades who supported us from the front, pushed us from behind, and walked by our side throughout this journey? Undoubtedly, these priceless memories remain imprinted in our minds as clear as the blue sky.

And today, as we gather in this hall, our purpose extends beyond celebration. It is a moment for reflection and gratitude for the fruits of our labor. Reaching this milestone was no easy feat; we should all hold our heads high. To deans and professors, thank you for giving me the wisdom to differentiate between right and wrong. To fellow graduates, thank you for giving me the patience to accept the things that I cannot change. And to my dear friends and family, thank you for giving me the courage to change the things that I can change.

One of my favorite Hungarian words that I have learned is “hiányérzet,” which describes the sense that something is lacking or missing. This beautiful word resonates with all of us, no matter who we are or where we came from. Today is not the day we find all the answers we sought in the past. Today marks the beginning of our journey to look for the things we have been searching for all along.

As a budding mathematician, I propose a theorem: Humans have a tendency to forget, and hence education teaches us to remember. After all, what’s genuinely difficult isn’t about making new experiences, but rather about keeping the memory of the old ones. So, the question is: how will each of us pursue the things we seek starting today? Tomorrow is on its way, so let us live it up today. Farewell, and have a good life.

Stanley Salim

Faculty of Natural Sciences

Faculty of Natural Sciences

Prof. Attila Aszódi
Dean, Faculty
of Natural Sciences

Dr. Ferenc Simon
Vice-Dean, Faculty
of Natural Sciences

Ádám Márk Balog

Clerence Mashile

Kalina Dimovska

Ogulshat Tashliyeva

Sainbileg Gankhuyag

Stanley Salim

Faculty of Natural Sciences

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Faculty of Natural Sciences

Sainbileg Gankhuyag
Faculty of Natural Sciences

Stanley Salim
Faculty of Natural Sciences

Faculty of Economic and Social Sciences

Based on the long tradition of providing education in the fields of economics, management, and social sciences, in 1998 the Budapest University of Technology and Economics established a new faculty, the ‘Faculty of Economic and Social Sciences’ employing 300 instructors and researchers. Parallel to the traditional five-year university training, the two-cycle system of the Bologna model (for BSc/BA and MSc/MA degrees) was introduced in 2006. The accredited full-time degree programmes in Economics, Engineering Management, Communication, and Media Studies, Teachers Training in Vocational Fields are carried out according to the latest European standards. Besides its training programmes, the Faculty co-operates closely with all the engineering faculties of the University providing courses in management, economics, social sciences, languages, and physical education.

The Faculty of Economic and Social Sciences pays special attention to the integration of theoretical and practical knowledge in its curricula and the Faculty has established strong professional relationships with the participants of various economic fields (profit and non-profit oriented institutions, banks, etc).

Education and Research Activities

The total number of participants of different graduate-, postgraduate and distance learning forms of training launched by the faculty is about 4500. The number of full-time students of basic training of the faculty itself has been increasing.

BME GTK offers several Master’s programmes (Master in Management and Leadership, Master in Finance, Master in Regional and Environmental Economics, Master in Engineering Management (strating from 2023/24)) as well as a Business and Management Ph.D programme in English for both inernational and Hungarian students.

One of our outstanding international and disciplinary broadening programme is the Intensive Seminar Program, which have been offered since 1996 to our master students. During the one-week-long programme, international and local experts are invited to deliver thought-provoking lectures about key challenges of leaders in different industries and business functions.

Languages, translation and interpreting

The Centre for Modern Languages offers a wide range of opportunities for the development of language skills. French, German, Italian, Spanish and Hungarian as a foreign language are taught at levels from A1 to C1. Courses are also offered in Languages for Specific Purposes (LSP), such as Professional Writing, English for University Studies, Business English, Deutsch im Unternehmen, etc. The Centre is also hailed as one of the leading translator and interpreting centers. Training in translation and interpreting is offered after BA or BSc level, in both full-time, part-time and distance learning, in five language pair combinations. Students can also sit for accredited language exams from B1 to C1 level, at the BME Language Examination Centre.

Physical Education

The University offers a wide range of curricular and extra-curricular forms of physical education. The Department of Physical Education co-operates with the University Sports Club and other student sports organizations.

↑ *The ornamental chain of the Faculty of Economic and Social Sciences*

Farewell message

on behalf of the Faculty of Economic and Social Sciences

Dear Graduating Students, Dear Young Colleagues,

First of all, on behalf of all members of the Faculty of Economic and Social Sciences (GTK), I would like to congratulate you on your successful graduation.

The GTK is one of the youngest faculties of the University although its history dates back to the early years of the last century. By establishing the first Faculty of Economic Sciences in 1934 in the country, the Hungarian Royal Palatine Joseph University of Technology and Economics, the predecessor of BME, has pioneered social sciences education in Hungary. Apart from providing degrees in economics and business studies, the Faculty also played a role in teaching students of the engineering faculties of the university.

The Faculty provides an educational experience that fits into the interdisciplinary environment defined by the engineering faculties at the university. At present, the Faculty has more than 3000 students studying in 6 undergraduate (BA/ BSc), 11 graduate (MA/MSc), and one doctoral programme (Ph.D.) taught by more than 100 professors in the fields of economic and social sciences. Three of our master's degree programmes (Finance, Management and Leadership, Regional and Environmental Economics) and the Ph.D. programme belong to the English language education portfolio of the Faculty. We are glad to announce that these opportunities can further develop with the Master programme in Engineering and Management starting in the 2023-2024 academic year.

Building upon the rich heritage of our Faculty and BME, our mission is to contribute to the solution of the societal challenges of the 21st century by facilitating cross-disciplinary learning and collaboration across the engineering, natural science, and social science domains represented by the eight faculties of BME. The close cooperation with engineering and natural science faculties helps to foster the synergies between technology, economic and social sciences and motivate the integration of modern technologies into the curriculum. To enhance excellence in management education and development we are members of the European Foundation for Management Development (EFMD), the Global Association of Risk Professionals (GRASP FRM), and the CFA Institute.

Our programmes focus on technical and social innovation to equip our students with the most relevant and up-to-date knowledge and skills to tackle the rapidly changing business and social environment of the coming decades. I hope that due to your knowledge and skills you can participate in the transformation and use your skills to find the solutions for the recent and upcoming challenges. I do not only wish you success in your professional life but also an open mind to understand the complexity of the world and perseverance to make it better.

Dr. Mária Szalmáné Csete

Associate Professor, Vice-Dean for International Affairs

Faculty of Economic and Social Sciences

Farewell message

from Xinzhi Zhong

Dear Rector, Deans, Professors, Administrative staff, Graduates and Friends,

It is my great honor to celebrate this special moment with all of you, and I want to congratulate all graduates who successfully finished all the tasks and exams, you deserve to enjoy your achievements! As an international student at the Budapest University of Technology and Economics (BME), I would like to share my farewell message.

Firstly, I would like to thank BME for offering me such a precious opportunity to study at this reputable and famous university located in the beautiful city-Budapest, I also would like to express my special thanks to my supervisors: Professor Csete Mária and Professor Török Ádám who taught and instructed me selflessly, especially Prof.Csete Mária who is so responsible and generous all the time, I can not make so many achievements without her support and help. Besides, I want to thank the professors and teachers who gave me lectures, it is you who build my academic world and expand my knowledge. Thanks to my faculty-Faculty of Social Sciences and Economics for providing a high-quality study environment and unique program. Thanks to my classmates who are a group of amazing people from all over the world, they are Ákos from Hungary, Derique from the Philippines, Dinara from Russia, Mellon from South Africa and Umut from Kyrgyzstan who shared almost all the important occasions of my master life.

Secondly, I would like to remind you that you are all officially graduated, you also should thank yourself who is so hardworking and assiduous, and now you are a qualified economist, engineer, lawyer, and architect. There is no doubt that this is an amazing and unforgettable journey for us, my memories of the first day, first class and first exam at BME are still vivid in my mind, and I surely believe they will remain forever. Think back to what we have done in the past years, learning a new language, studying a challenging program, experiencing a novel culture, and achieving a bunch of fruitful outcomes now, you should be proud of yourself for living such great life.

In the end, please be optimistic to brace future, and do not be afraid of unknown problems or challenges as the solutions are always more than them, I strongly believe that your dreams will come true with your effort, courage, and wisdom. There is a poem in China that can describe my mood now: "Within the vast distance, there is always a cherished friend though we are separated by the ends of the earth, it still feels like he/she is near". And now, please applaud yourself again, congratulations!

Xinzhi Zhong

Faculty of Economic and Social Sciences

Faculty of Economic and Social Sciences

Prof. Tamás Koltai
Dean, Faculty of Economic and Social Sciences

Dr. Mária Szalmáné Csete
Vice-Dean, Faculty of Economic and Social Sciences

Alina Tolstikova

Anisha Shahani

Assel Kassymova

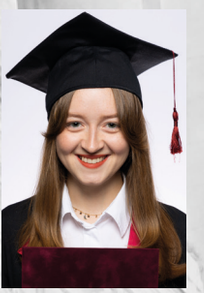
Babir Guliyev

Bancy Muthoni Nduati

Csaba Péter Gaál

Daiana Mirza

Derique Mikhail Casio



Dinara Sungatullina

Elvira Jalilova

Emese Zsófia Rozsályi

Fruzsina Noémi Bató

Gerald Kiprono Korir

Ismayil Aslanov

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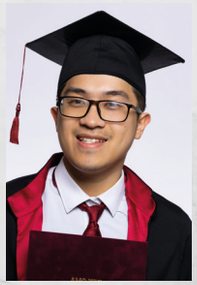
Mariami Kapanadze

Mellon Ncube



Minh Duc Ha

Mounjed Haytham Fayez Haddadin

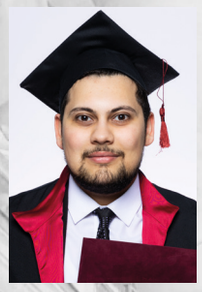
Narmin Gafarova

Neha Alam

Nikolett Tóth

Thi Hong Ahn Tran

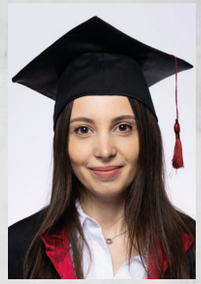
Trang Anh Nguyen



Vugar Imdat Oglu Babashli

Xiaoqi Yu

Xinwei Chen



Nino Khutchua

Nouhaila El Amine-Demnati

Panhavaon Tan

Peng Zheng

Péter Godányi

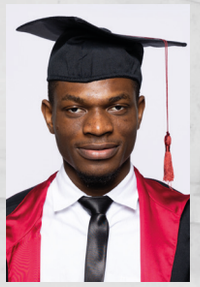
Xinzhi Zhong

Youness Moussafir

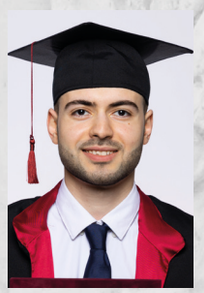
Yusif Jabbarli

Zeynal Kazimov

Zohra Burkhanzada



Precious Oluwadamilola Ajike

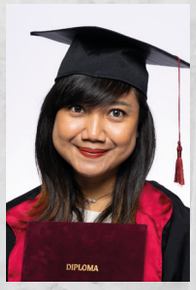


Rafi Taghizade

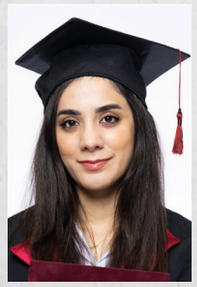
Rattana Virabouth

Richárd Sedlák

Safiya Altinbayeva



Sagita Fajarahayu



Sevinj Abbasova

Shamil Ismayilov

Stefánia Barbara Antal

Telman Allahverdiyev

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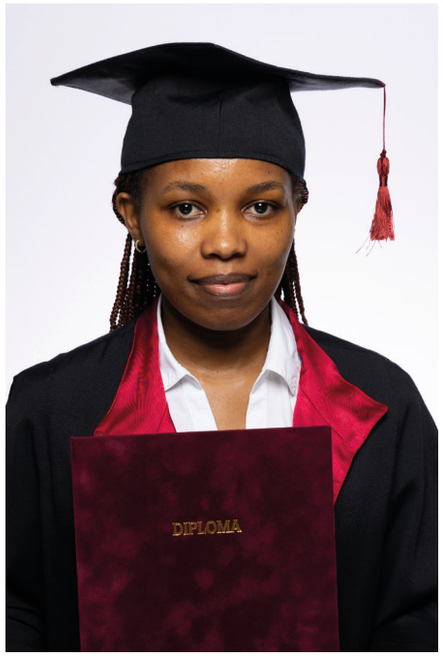

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Youness Moussafir
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Yusif Jabbarli
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Zeynal Kazimov
Faculty of Economic and Social Sciences

Zohra Burkhanzada
Faculty of Economic and Social Sciences

Graduates of the Budapest University of Technology and Economics

Faculty of Civil Engineering

Abdul-Mateen Osman
Ahmad Al Merhi
Ahmed Ghazi Nassar
Asfandyar Khan
Askar Kadyrbay
Bakhtiyar Nurym
Byambajargal Bizaagundaa
Danyal Akbar
Daria Bratu
Esraa A.O. Elragas
Gideon Nii Aryee Aryeetey
Haseeb Ur Rehman
Hayan Rafih
Ikram Meghchouche
Jaafar Majid Jasim Alrammahi
Jessica Haddad
Maria Uznadze
Mohammad Alsahli
Muhammad Sheharyar Khan Afridi
Muhammad Usama Khan
Muhammad Zain Zamir
Muwanwa Brenda Muthuli
Muzahir Hussain
Panduleni Simeon Hihepaali
Qasim M. S. Bsharat
Rouah Ghrieb
Saad Adil Khan
Temirlan Zhakupov
Uilsbat Arslan
Usama Habib
Zerihun Hagos Hailu

Faculty of Mechanical Engineering

Adem Nemouchi
Afnan Khan
Ahmed Adel Mohamed Sabri Elshafei
Ahmed Tarek Amin Ibrahim Elzefary
Aleksandr Gribkov
Ali Qani Mohammed Saleh Alkurdi
Chivaandulam Sukhbat
David Mafdy Naguib Tawadrous Saleeb
Dhruv Pramod Gupta
Elchaima Kaouari
Elifsu Girgin
Fared Basem Fared Rofaeel
Fuad Rahimli
Haeed Ahmed
Karem Abi Mosleh
Manaf Noofal Taha Ahmed
Mohammad Ibrahim Abdallah Aljbour
Mohammad Tayseer Yousef Abdelrahman
Orkhan Gurbanli
Own Marwan Ali Al-Talafha
Raja Taha Khan
Ranu Sarwar Ghafour
Ricardo Ivan Saldana Huerta
Saif Ahmad
Silvana Aiad Gad Abdalla
Taleh Mehraliyev
WanrongDu
Yasir Yaqoob Khan
Yermek Akbarov
Yuchen Ma

Faculty of Architecture

Afaf Aissaoui
Alena Dolzhikova
Amani Alharbash
Atiyeh Sadeghi
Bekzat Adykhanova
Berk Atalay
Bita Azizighomsheh
Ceren Kibaroglu
Daniel Sancha Barbero
Duy Anh Pham
Ece Boysal
Emir Gerdan
Gabriel Zunino Packer
Gabrielade Arruda Pinheiro
Kaisa Henriikka Holtari
Kamila Kaltay
Líviade Oliveira Horta Junqueira
Mariga Dosmuratova
MediaHaji
Mehmet FurkanTuran
Merna Ibrahim Issa Albeiruti
Miona Vuleta
Mohammad Alboushi
Nour Hamdan
Olesya Nogina
Omar Shahrour
Ranim Alkadri
Shinebayar Ganbaatar
Subaihah Binti Fauzi
Worood Adel Hmoud Aldaaja
Yaren Yilmaz

Faculty of Chemical Technology and Biotechnology

Khulan Purevbaatar
Mengling Lyu
Mohammed Ahmed Abdu Mohammed Al-Jumaay
Porya Sohrabbeik
Quynh AnCao
Rodrigo Carvalho Dudas
Xiaoyuan Zhang
Yanhong Gao

Faculty of Electrical Engineering and Informatics

Aaron Humberto Rios Villanueva
Abir Shahriar Pranto
Ademi Izmailova
Ahmed Raafat Abdelraouf Mohamady
Ali Madatov
Aliya Zhetpisbayeva
Anas Salah Mahmoud Abu Al-haija'a
Anjan Kumar Das
Areeba Tabassum Shoaib
Ayana Satayeva
Behzod Narzulloev
Dániel Róbert Biegl
Daniil Brodt
Diab Abdulsalam Moqbel Nasser
Dinara Almanova
Donghyeok Gwak
Elkhan Aslanov
Foster Ganaku
Ghada Bourguiba
Herman Aleksander Gohn
Jizhu Jin
Kaixiang Zhang
Khongmeng Kormoua
Laman Suleymanova
Layan Sawalha
Léa Martine Monique Garbin
Linea Dute Mwaetako
Mazen Jouni
Md Ibrahim Khan Tuhin
Md Shamin Yeasher Yousha
Mehdi Moazamigodarzi
Mehdi Marzougui
Mohamed Hazem Bouzir
Mohamed Khaled Ahmed Alboraee Soliman

Budapest University of Technology and Economics

Mohamed Taha Yassin Banaouas
Mohammad Roshandelpour
Mohammad Fayiz Mahmoud Alkrashat
Mohammadreza Ahmadpour
Mourad Gaaloul
Murtada Faisal A Alnakhli
Navaneeth Paliath
Nayima Urooj
Nazrin Ibadli
Orgil Luis Macha
Orkhan Shahbazov
Peter Magdy Adeeb Kirolos
Sanar Gasimov
Shamil Niftaliyev
Shukhrat Tojiev
Tianyi Liu
Turtogtokh Altangerel
Türker Erbasi
Vladimir Dukanovic
Yassine Mrabet
Zarmeen Ahmad

Faculty of Transportation Engineering and Vehicle Engineering

Abdallah Mohammed Nassor Mazrui
Burak Altintas
Davis Kipkania Kiboi
Ebenezer Kwaku Oppong Afrifa
Haipeng Tian
Haitham Al Andary
Hanmei Zhou
Husam MJ MS Altamimi
Hussein Sarhan Mohammed Dulaimi
Jiaqi Sun
Layal Al Banna
Mariana Manacorda Da Costa
Maxut Talgatov
Mohammad Heider Shehadeh Ayoub
Pamela Jackeline Romero Maldonado
Shakir Ullah
Shyamsundar Sudharsanam
Silas Gyamfi Frimpong
Taha Emin Özçelik
Tiago Tabosa Ferreira Costa
Toghrul Nabili
Yoga Akbar Ermansyah
Youssef Boulahcen
Yunpeng Ma

Faculty of Natural Sciences

Ádám Márk Balog
Clerence Mashile
Csenge Lili Ködmön
Kalina Dimovska
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Máté Matúz
Nikolai Demidov
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Sainbileg Gankhuyag
Stanley Salim
Waleed Ahmed
Zsolt Bartis

Faculty of Economic and Social Sciences

Ádám Tóth
Aisha Gadirova
Alina Tolstikova
Alrina Fernandez
Anisha Shahani
Anna Mária Galovicsné Bajnóczi
Asmat Abbaszade
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Imre Levente Pecze
Ismayil Aslanov
Jeyhun Abbasov
Jiaxin Xu
Kanan Mammadov
Kinga Elvira Erőss
Layan Haitham Louis Aldabain
Levente István Kucsma
Luca Fokvári
Madhuri Nikolett Oláh
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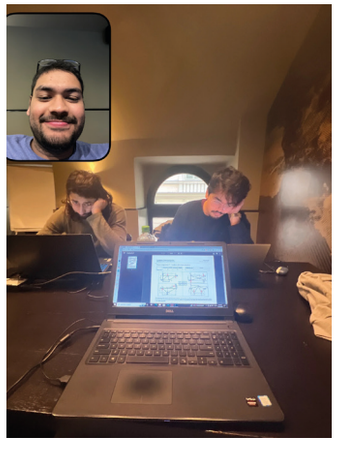
Xinwei Chen
Xinzhi Zhong
Youness Moussafir
Yusif Jabbarli
Yusifali Sadigov
Zeynal Kazimov
Zohra Burkhanzada

Opening ceremony

Student life at BME

“How lucky I am to have something that makes saying goodbye so hard. I learned From the university wherever you go, go with all your heart and follow your fear. The beautiful thing about learning is that no one can take it away.”

- Bita Azizighomsheh



“I am glad I had the opportunity to do my Master’s degree at BME, I learned a lot, laughed a lot, met AMAZING people and for this I am forever grateful! ”

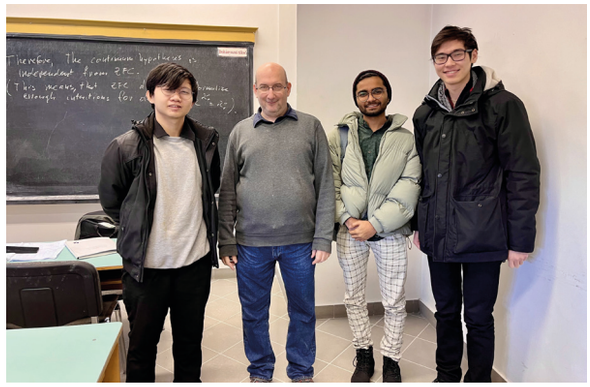
- Layan Sawalha

“I am very grateful to BME for giving me the opportunity to study at this school, which has allowed me to learn many different aspects of professional knowledge, meet lovely teachers and friendly classmates, and I think this experience will definitely become the most valuable treasure in my life.”

- Chen Xinwei

“I want to thank all the University of Budapest University of Technology and Economics employees, administrators, professors, deans, and rector. BME gave me great opportunities, first of all, knowledge, professional experience, and confidence in the future. Here I met students from Hungary and made acquaintances from all around the world. University teachers are true professionals in their fields. I want to convey my appreciation and admiration to our dear professors. Thank you for your work, patience, lessons learned, faith, attention, and efforts. I wish everyone success and professional triumphs!” - Mariga Dosmuratova

“I am grateful to the university for unforgettable moments, for knowledge, for friends, for meeting my love, for interesting experiences, and for much more. Thank you for some of the most interesting and fulfilling two years of my life!”
- Dinara Sungatullina



“I am impressed by our beautiful campus and historical building K especially its meaning of 1956. The school library (OMIKK) is also palatial where looks like the Hall of Hogwarts. My supervisor-Prof. Csete Maria is a very responsive, helpful and warm-hearted person, she helped me a lot and influence me as a tutor.”
- Zhong Xinzhi

“I’m glad for studying at BME, the oldest university in Europe, it was a valuable experience. I gained knowledge and skills that will benefit me in the future and met wonderful people who made me feel at home. I am grateful to everyone who helped me along the way.”
- Mohammad Alboushi

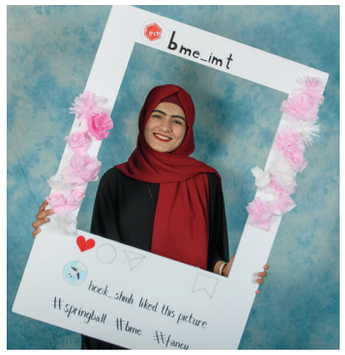
“Thanks to the university for the fact that I met my like-minded people and friends for years to come. It was a life changing journey :)”
-Bekzat Adykhanova

“I believe all memories created during these 2 years of study will be forever in my heart. I met incredible people, from different nationalities and was able to learn about their uniquenesses and differences. What a journey!”
- Gabriela De Arruda Pinheiro

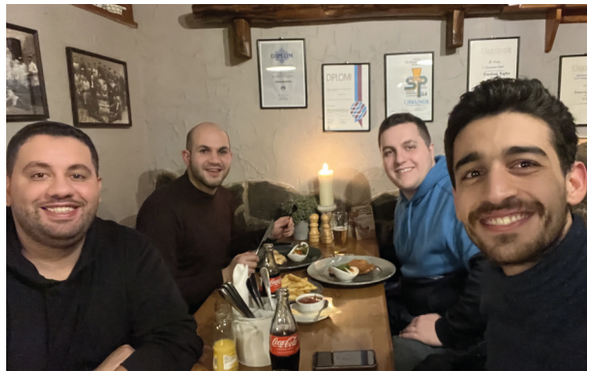
“I started a new chapter of my life here and spent two of the happiest years of my life. I have rediscovered myself and become myself here. I also find what I want to explore in the future with my life path became broader. Definitely, BME will be my brightest memory.”
- Xu Jiaxin

“Studying at BME was a challenging but rewarding experience. Studying and spending time together with the best classmates was the best experience of studying at BME.”
- Shinebayar Ganbaatar

“In the first semester, my English was so poor that I couldn’t even understand the teacher’s lectures. In an experimental written test, I didn’t understand the teacher’s question and I was really frustrated and sorry. After class, the teacher realized my embarrassment and comforted me and said: It doesn’t matter if my English is poor, it will get better. This sentence gave me great encouragement and warmed me up. Now my English has improved a lot, thanks to my teacher for her encouragement!” - Gao Yanhong



“This is the first time I have left China to study in a strange country. On the first day of school, I met a friendly classmate who showed me the way. All the professors are professional and kind, and I had a great two years here.” - Lyu Mengling



“During my first semester studying in a foreign country, I struggled with the new education system. Everything was different from what I was used to. I found it difficult to keep up with the coursework and felt overwhelmed by the amount of material that was being covered. However, as the semester went on, I began to adapt to the new system. I reached out to my professors and classmates for help, and started attending study groups and office hours. I also started to appreciate the new system, as it challenged me to think critically and approach problems in a different way. Overall, while it was a challenging experience at first, I learned a lot and was able to grow both academically and personally as a result.” - Davis Kiboi

“Indeed, having the opportunity to study in this prestigious University is a dream come true. As a student I had the opportunity to establish new acquaintances from different countries and also get to learn from the best of Professors. I believe the knowledge acquired will go a long way in shaping our lives for the future.” - Abdul-Mateen Osman

University life at BME

”This place has provided me with a one-of-a-kind experience that I will never forget. When I look back, I am thankful for the knowledge and skills I obtained at BME because they have been an important factor in the development of my career.”

- Vugar Babashli

“Friendships, a lot of laughs, great memes, competitions, sports, teamwork, some exceptional teachers and subject, some forgettable ones and many stressed, sleepless nights. Overall, a great experience that I will never forget. “

- Péter Godányi

”Dear fellow BME graduate friends, as we close this chapter of our academic journey and prepare to embark on the next phase of our life, always remember the lessons we have learned and the memories we have created at BME. May our hard work, perseverance, and dedication continue to guide us as we pursue our dreams and make a positive impact on the world. Congratulations to all of us on this remarkable achievement, and may our future be filled with happiness, success, and fulfillment. Always remember, once a BME graduate, forever a part of the BME family.”

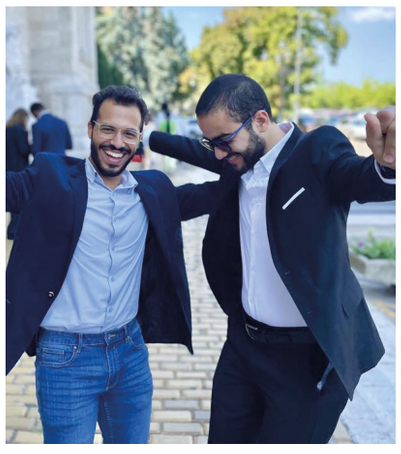
- Mehraliyev Taleh

“I am very thankful for the opportunity to study at BME with the Stipendium Hungaricum scholarship. I enjoyed learning new things and developing my programming skills, which helped me to find a student job and gain valuable work experience. I also met wonderful people from different countries and backgrounds, who became my friends and mentors. I am proud of what I achieved at BME and I am excited for what the future holds. I wish all the best to my fellow graduates and I hope we stay in touch.” - Daniil Brodt

Helping each other during exams, How we have physically and mentally through out the years
- Ahmed Raafat AbdelRaouf Mohamady

“My experience as a student at BME in Mechanical Engineering Department has been a wonderful journey. I have learned and known alot from my faculty and additional concerned faculties that has not only helped my academic career to grow but also groomed my personality.Here I have had this opportunity to make international friends and learned to mix with different cultures easily and I’m lucky to have good friends around.On the leaving note I would like to thanks all my faculty members,CAO collegues and my friends who have been there all throughout my study journey. “

- Yasir Yaqoob Khan



“BME’s curated curriculum of Finance is an integrated system with their relation to the legal, economic, risk management aspect along with technical development. The professors are nice and patient, they give me a different way of thinking, which is better achievement than knowledge. The quality of education is excellent,and worthwhile. I can proudly say that I got the valuable knowledge and experience about the determinant factor of finance, its utilization and offered everything I need to become an expert in finance.”

- Pawan Kumar

"One of the most important stations in my life is to study at BME. I amreally feeling the academic level difference at this moment. That is definitely thanks to the teaching techniques and the cooperation sense of the professors with students. The previous two years add to my cultural experience by meeting many people from various countries as well. "

- Manaf Noofal Taha Ahmed

“There are bittersweet memories I have encountered e.g. thesis, exams, beautiful friendship, job fair,... I always embrace and cherish every moment I have here. I am wholeheartedly grateful for all the opportunities and challenges that have allowed me to grow. Thank you BME for having me to be part of you.”

- Panhavaon Tan

“2020-2023 was an extremely challenging year, due pandemic situation and war crisis. Nevertheless, I try to see the bright side of everything. I was grateful to be able to continue on my academic route to Budapest since it was here that I made fantastic friends, met amazing people from all over the world, and traveled all across Europe.”

- Subaihah Fauzi

“Hungary is like my mother because she gives me a lot of love and pleasure, while BME is like my father, it gives me a tough time to be polished for better future. “

- Hussain Ijaz

“One of my most hilarious memories as a CSE student at BME was when I accidentally submitted a code that included a comment about how much I hated coding. I was mortified when I realized my mistake, but my professor found it amusing and even shared it with the class as an example of why it’s important to double-check your work before submitting it. Lesson learned - always check your code for inappropriate comments before hitting that submit button! Thanks, BME, for the laughter and the reminder to take myself a little less seriously.”

- Nayima Urooj

“To our teachers and mentors, thank you for guiding us, challenging us, and inspiring us to reach our full potential. Your dedication and wisdom have left an indelible mark on our lives” - Dinara Almanova

Our life in Hungary

Happiest time of my study life.

- Abdallah Mazrui

Colorful study life makes me proud of my university.

- Zhang Kaixiang

I have the best years in the BME, I learned how to be strong and have discipline to continue for reaching my goals.

- Bita Azizighomsheh

The library of BME is amazing.

- Zhou Hanmei

I consider myself very fortunate to have had the opportunity to study at BME in an international atmosphere of support and shared growth. In a non-negotiable international environment, we have learned that boundaries are only in our heads. Each person is unique in his or her own way, and BME is not only about high quality education, but also about socialization on an international level. BME for me is about understanding, acceptance, support, growth and sharing. Every memory is unique to me, and there are countless, from studying together for exams to cultural evenings around the world!

- Alina Tolstikova

International learning atmosphere impress me.

- Zheng Peng

“One of my fondest memories of studying at BME was the friendships I formed with my fellow students. Some of these friendships have already blossomed into lifelong connections, and I am grateful for the bonds we created during our time at the university. BME provided many opportunities to create these memories,such as through collaborative projects, engaging classes, and fun events like the spring and winter balls. Overall, my time at BME was not only intellectually stimulating but also emotionally rewarding thanks to the people I met along the way.”

- Madina Burieva

“During the five years spent at BME, I have met new people, strangers, who some of them became people who defined who I am today, who were there to support me in difficult times and be happy for and with me in good times. I was lucky to meet few professors, who became mentors to me, whose support and knowledge helped me get where I am today and whose words I will always remember and follow in the future. During these five years there were ups and downs, but being surrounded with the right people, who I was lucky enough to meet and have beside me, helped to overcome all of the obstacles and I will always keep close to my heart.”

- Miona Vuleta

“Studying in BME meant literacy in architecture for me. “

- Ranim Alkadri

“I have had the pleasure of making a kind and wonderful friend from around the globe. “

- Abu al haija’a Anas Salah Mahmoud

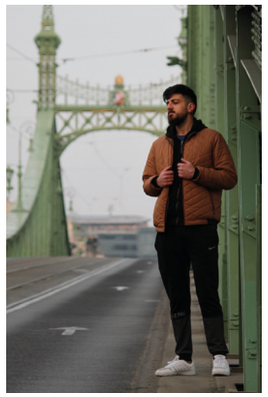
“I am thankfull for meeting a lot of interesting people. Two years run very fast! I will keep warm memories about my study at BME.”
- Assel Kassymova

“The memories created during late-night study sessions, collaborative projects, and engaging lectures will forever hold a special place in my heart. BME has not only provided me with a solid foundation in my field but also instilled in me a passion for lifelong learning”
- Mohammad Ayoub

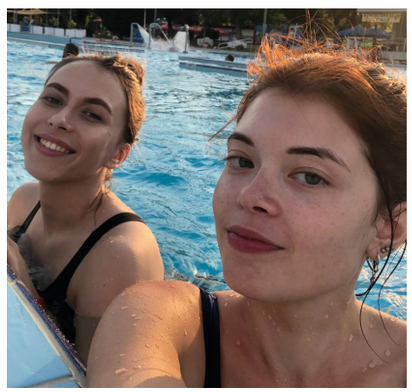
“A BME student need 25 hours per day :).”
- Ahmed Adel Mohamed Sabri Elshafei

“Stressful? Sure. But life-changing? Definitely! From taking my flight to Budapest to making to this Yearbook, boy oh boy, what a classic rollercoaster ride it has been. I’m grateful I took the flight and even more to take the ride. ”
- Anisha Shahani

“A big thank you to my professors, family, and friends for supporting me for the past two years and making me who I am today. Thank Hungary, as well as BME, for all of the great life lessons. I know that I will look back on these days as the happiest of my life. Finally, I made it!”
- Tran Thi Hong Anh



“BME not only offers you the opportunity to explore the world of science, but also provides an experience of being part of a highly international community where everyone is treated equally. Our differences do not make us superior or inferior to each other, but rather add different colors to the community, making it more vibrant and diverse. I am grateful for the wonderful memories and experiences I gained while being a part of such a welcoming community.”
- Ranu Ghafour



“BME gave me the exposure of modern studies in my field as well as the exploring different cultures. Making new friends, having awkward first interactions turning to deeper contacts. It was hard to get through the studies but I am sure I will miss it.”
- Shakir Ullah

“The amazing estate, and the amazing people that I was able to meet have brought me so much joy and some of the greatest memories of my entire life”
- Mounjed Haytham Fayez Haddadin

Good-bye

from

Department of International Relations: Bíbor Bánfiné Klekler, Rita Marositsné Moldvay, Ádám Bajusz, Mónika Borbély, Dóra Pivarcsiné Fekete, Dalma Demjén

Department of International Academic Affairs: László Gergely Vigh, Renáta Daru-Dudás, Zsuzsanna Pálóczi, Eszter Tóthné Mischl

International Mentor Team: Georgina Garai, Dávid Pirityi

Faculty International Coordinators: Gyöngyi Tamás (ÉPK), Gabriella Zsadányi (VBK), Barbara Kissné Farkas (VIK), Rita Nemes (ÉMK), Olivér Fenyvesi (ÉMK) Fanni Szondy (VIK), Sarolta Lénártné Kelemen (TTK), Kata Jármi (VIK), Adrienn Török (GPK)

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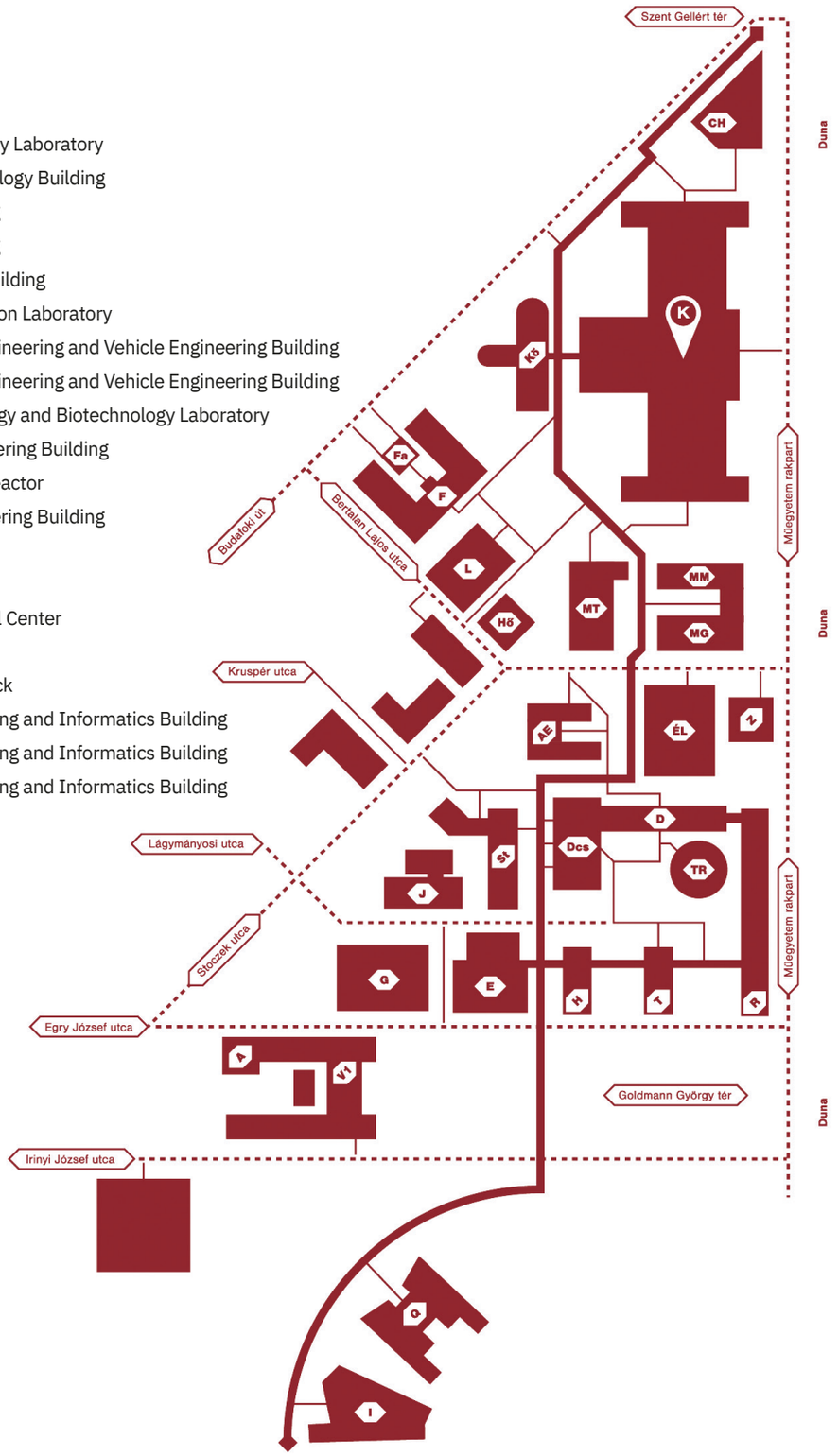
CH	Chemistry Building
KÖ	Central Library
K	Central Building
F	Physics Building
L	Hydraulic Machinery Laboratory
MT	Mechanical Technology Building
MG	Mechanics Building
MM	Mechanics Building
AE	Fluid Mechanics Building
EL	Building Construction Laboratory
ST	Transportation Engineering and Vehicle Engineering Building
J	Transportation Engineering and Vehicle Engineering Building
DCs	Chemical Technology and Biotechnology Laboratory
D	Mechanical Engineering Building
TR	Nuclear Training Reactor
G	Production Engineering Building
E	Classroom
H	Classroom
T	Classroom, Medical Center
R	Classroom
A	Administration Block
V1	Electrical Engineering and Informatics Building
Q	Electrical Engineering and Informatics Building
I	Electrical Engineering and Informatics Building



Throughout its 241 year existence, the Budapest University of Technology and Economics has been an influential force in Central European higher education. Since its foundation as the Institutum Geometricum in 1782, the university has welcomed domestic and foreign students alike. It is one of the most prestigious institutions of engineering education in the region, and the flagship university for the training of engineers and social scientists in Hungary. Several world famous scientists, including Nobel Prize laureates and many household names, call the Budapest University of Technology and Economics their alma mater. The diploma certificates issued by the university are well known and respected across the globe.

Presently, the university consists of eight faculties, covering six fields of engineering sciences, as well as natural sciences and social sciences. As always, the aim of the university remains to provide excellent standards of education to train the experts of the future.

BME Graduates' Yearbook
Academic Year 2022-2023 · Volume 2