BME Graduates' Yearbook

Academic Year 2023-2024

Volume 1

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 2023-2024

Volume 1

MŰEGYETEM 1782

BME Graduates' Yearbook
Academic Year 2023-2024 · Volume 1

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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 2023-2024. This recent period has encompassed remarkable achievements and pleasant memories.

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 that gave the world four Nobel Prize laureates. Just recently, Ferenc Krausz, an alumnus of this esteemed institution, and Katalin Karikó, the Honorary John von Neumann Professor of BME, have been honoured with the Nobel Prize. Be proud, and tell others about the talent and professionalism you gained here. We are undoubtedly proud of you.

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

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 European Engineering Learning Innovation & Science Alliance (EELISA) 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.

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 support 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 242 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

from the President of the European Society for Engineering Education

Dear Graduates,

You have reached a major milestone in your life and allow me to congratulate you on this. As your peers from the BME we are proud of your achievement. And this was not a fast-track. You have deserved to be here today with hard work and resilience. You are taking with you the knowledge and skills you gained from your professors and which will serve you in your professional career. We will not forget you and always welcome you to come back for more.

The BME has offers for you for all your life. You will be our alumni, the alumni of the best technical university in Hungary, a true European University. As you know, for the last four years the BME has been part of the EELISA European University Alliance. Together with nine excellent higher education institutions from eight countries in Europe, ranging from Spain, through France, Italy, Switzerland, Germany, Hungary, Romania to Turkey, our students have the opportunity to gain experience at all of these universities. EELISA is thriving excellence in interdisciplinarity rooted in engineering and provides unique learning tracks to all students with the ultimate goal to solve current challenges of the society.

Let me ask you about this: Do you think alone we can solve challenges at the societal level? Not even a single institution can do that. This is why EELISA supports its learning and research communities involving students, professors, industrial colleagues and all societal actors to approach the grand challenges of today and to find solutions to them. I invite you, as BME and EELISA alumni to join the EELISA communities, if you have not done yet and together we will have the strength to make a difference. I wish to see you back with us soon!

Dr. Balázs Vince Nagy

chair of the EELISA Executive Board, associate professor,

Department of Mechatronics, Optics and Engineering Informatics, Faculty of Mechanical Engineering

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 Hawking 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!

Kristóf Radácsi

Chairman, of The Students' Union

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),
Ferenc Krausz	(physics)

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 nu-merous invited lecturers and practicing specialist experts participate in the education and research at the BME.

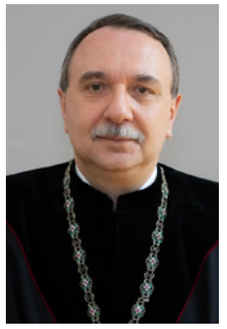
Approximately 2 500 of the university's 23 000 students are from 60 different countries.

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 re-search, 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 af-fect their works
- Ph.D 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 International Affairs

Dr. Péter Bihari
Vice-Rector for Education

Prof. János Levendovszky
Vice-Rector for Science and Innovation

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 are able to 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 are able to 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 structural 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 Mom Raksa

Good morning Esteemed Faculty and families of my fellow graduate!

It's an honor to be standing up here today.

Today is a significant moment for us as we bid farewell to this university chapter. I want to express gratitude to our dedicated faculty for being more than just educators – you've been mentors who guided us on our academic journey.

To my fellow graduates, our time here has been a collection of diverse experiences, challenges, and victories. The friendships we've formed are invaluable, and the memories will stay with us wherever life takes us.

As we step into the next phase, let's carry the lessons learned, the friendships made, and the resilience we've developed. The obstacles we faced were opportunities for growth, propelling us forward.

Now, as we embark on our individual paths, let's remember that graduation is not just an end but a beginning – a start to independent thinking, innovation, and striving for excellence in our chosen fields.

A special thanks to our parents and families for their unwavering support. Your sacrifices and encouragement have played a crucial role in our achievements.

The times ahead present both challenges and possibilities. Armed with the spirit of excellence from BME, let's confront them with courage, passion, and a dedication to creating a positive influence. Each one of us bears the responsibility for knowledge, empathy, and driving change.

Congratulations! Here's to the end of one chapter and the exciting beginning of another. May your futures be as bright as the promise each one of you holds. Farewell, and may success and fulfillment accompany you on your journey!

Mom Raksa

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

Arslan Amjad

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Ehsan Ullah

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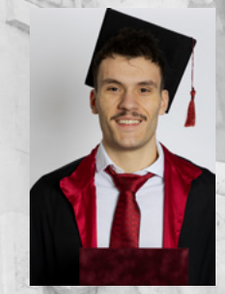

Gent Gashi

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Faculty of Civil Engineering — MSc I.

Dr. Szabolcs Rózsa
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Dr. Balázs Kövesdi
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Dr. Nauzika Kovács
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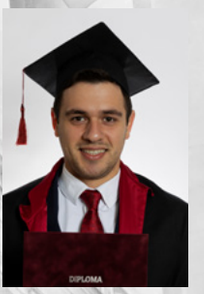
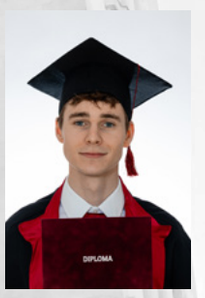
Abasiodiong Iwatt Edoh

Ádám Gábor Varró

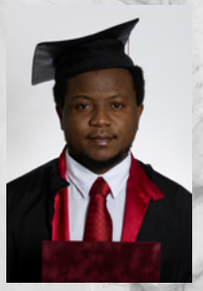
Ameen Hasan Chalawi



Azizagha Huseynov



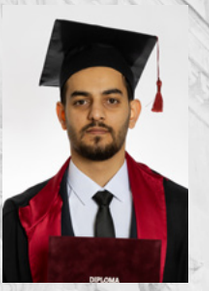
Balázs Liszi



Busungila Hashurah

Choijamts Otgonbaatar

Claudenise Alves De Lima Silva



Dara Fouad Othman

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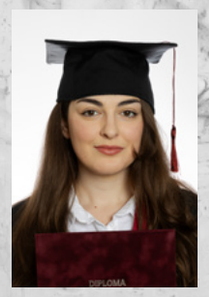

Emina Mahmutagic

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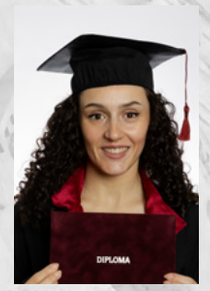
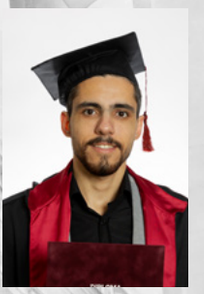
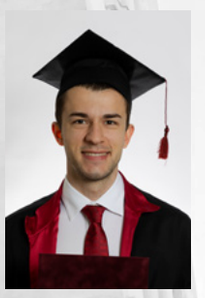


Jessica Haddad

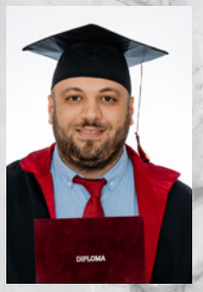
Joseph Kigula



Louay Saadaldeen



Máté Kissevich-Horváth



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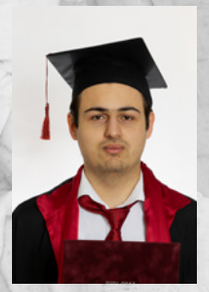

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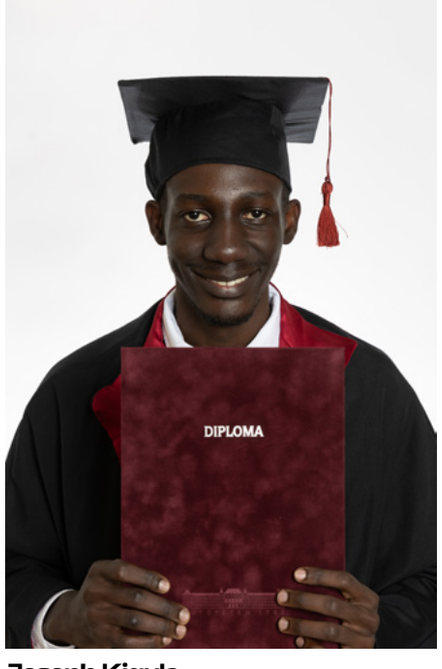

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Raksa Mom
Faculty of Civil Engineering

Tamás Szögi
Faculty of Civil Engineering

Sheeraz Ahmed Rahu
Faculty of Civil Engineering

Soufiane Gani
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

Ever since enrolling at the BME, you have heard us the addressing you as “Dear Colleagues!” countless times and, 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 very beginning, we not only respect you and your commitment to become mechanical engineers but also consider you as equal partners. 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; both our own and our beloved one’s health was endangered and now, we are already facing a novel, even more threatening danger. This has clearly shown that peace and prosperity cannot be taken for granted. As mechanical engineers, we are problem-solving professionals; we need to 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, 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 Mina Monier Meleka Girgis

Esteemed Alumni, Students, Vice-Rectors, Deans, Distinguished Guests, Friends, and Colleagues,

I am writing to express my sincere appreciation on behalf of the mechanical engineering faculty at BME University to all individuals who have made valuable contributions to our shared achievements. This instant signifies the result of ceaseless commitment, collective ambitions, and the steadfast encouragement of our scholarly community.

Our gratitude extends to our esteemed deans, vice-rectors, and committed faculty members. Your steadfast dedication to achieving high academic standards has laid the groundwork for the accomplishments that we commemorate at this time. Not only have your counsel, mentoring, and ceaseless endeavours influenced our thoughts, but they have also woven the very fabric of our academic community.

Exceptional gratitude is extended to our families and colleagues who have served as pillars of support. Your support and motivation have been crucial to our progress thus far, and your attendance at this momentous event further enhances its importance.

Reflecting on the dream I once harboured of becoming a BME student, I am humbled to stand here today, realizing that this dream was shared by all who walked this path. Our collective journey has been one of joy and challenge—navigating diverse cultures, overcoming language barriers, and fostering friendships that transcend borders. In facing these challenges, we have broadened our knowledge and woven a tapestry of unity amidst diversity.

As we bid farewell to this esteemed institution, may the wisdom gained, the camaraderie formed, and the principles imparted endure. Our indelible recollections of our tenure at BME University will perpetually adorn the anterooms of our minds, symbolizing the pinnacle of distinction that we have both pursued and attained.

May the upcoming years be characterized by consistent success, ongoing education, and the unrelenting pursuit of excellence. Distinguished alumni, faculty, students, colleagues, and family, farewell. May your endeavors continue to be adorned with prosperity and fulfillment until we next meet.

Mina Monier Meleka Girgis

Faculty of Mechanical Engineering — BSc

Prof. Imre Orbulov
Dean, Faculty of Mechanical Engineering

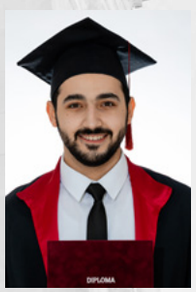
Dr. Csaba Hős
Vice-Dean, Faculty of Mechanical Engineering

Anel Kozha

Anousa Symoukda

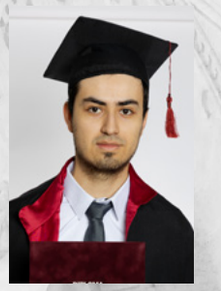
Bochra Rouabeh

Elifsu Girgin



Haitham Samer Sa'di Al-Khatib

Ijaz Hussain



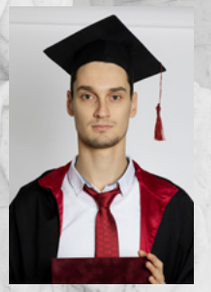
Juan Sebastian Andrade Galvez

Kervin Matimba Chauke

Khalil Moumen

Khayal Mehyaddinov

Kieran Jeremy Emmanuel



Marko Ceranic

Matheus Nunes dos Santos

Munkhtamir Borkhuu

Omar Wael Kamaleldin Abdelkhalek

Purevbat Mandakhbayar

Ricardo Ivan Saldana Huerta

Ryan Sittlington

Shafiul Ahmed

Temirlan Tuyakbayev

Prof. Imre Orbulov
Dean, Faculty of
Mechanical Engineering

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

Faculty of Mechanical Engineering — MSc

Hakam Abed Mohammed Alemarah

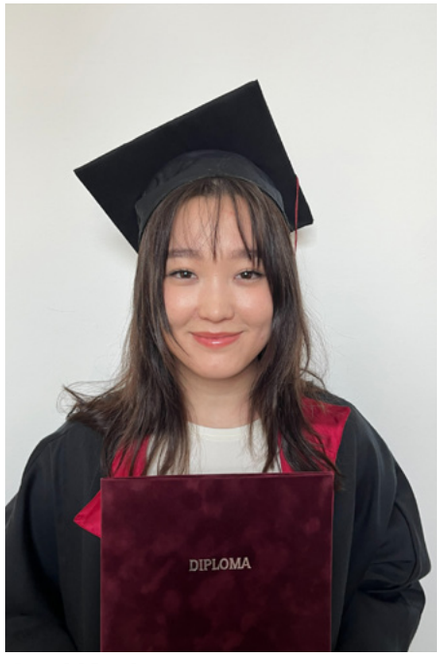
Mina Monier Meleka Girgis

Saif Ahmad

Faculty of Mechanical Engineering

Bochra Rouabeh
Faculty of Mechanical Engineering

Elifsu Girgin
Faculty of Mechanical Engineering



Anel Kozha
Faculty of Mechanical Engineering

Anousa Symoukda
Faculty of Mechanical Engineering

Haitham Samer Sa'di Al-Khatib
Faculty of Mechanical Engineering

Hakam Abed Mohammed Alemarah
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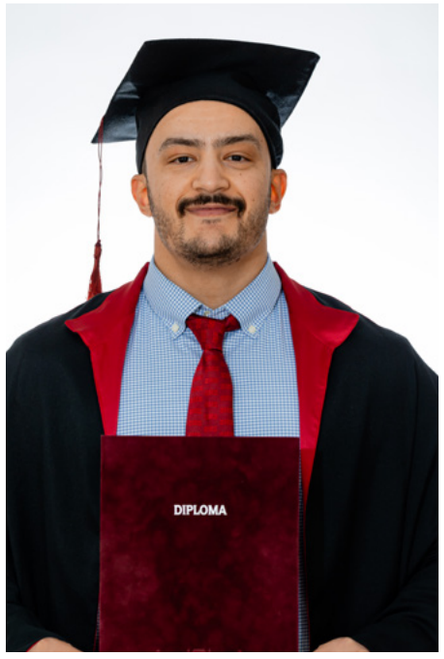
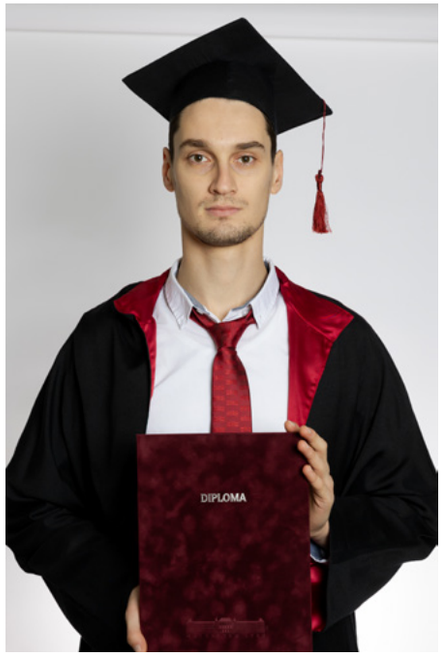


Khalil Moumen
Faculty of Mechanical Engineering



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Faculty of Mechanical Engineering

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Mina Monier Meleka Girgis
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Ryan Sittlington
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Saif Ahmad
Faculty of Mechanical Engineering

Shafiul Ahmed
Faculty of Mechanical Engineering

Temirlan Tuyakbayev
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:

Pre-Engineering in Architecture (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 at the beginning of the first semester from the following specialisations:

- Sustainable Architecture
- Real-Estate Development
- Urban 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, 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 Pouria Paidar

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

It is a great honor and a delight to deliver the farewell message on behalf of fellow graduating students from the Faculty of Architectural Engineering at the beloved Budapest University of Technology and Economics.

Looking back on our educational period, it all seems just like yesterday. We were young and eager freshmen, seeking new milestones in our lives. Do you recall all the stressful moments we had in these semesters? The sleepless nights with exhaustion, struggle, and occasionally tears? Or the exams that we studied, the projects that we submitted, and all the deadlines that we had? Or all the happy moments that we shared together, laughter, and an immeasurable sense of happiness and satisfaction with our friends and colleagues who supported us and stood with us during our difficult times? Surely these memories are exceptional and treasured that will remain in our minds.

Today, as we all gather here in this hall, we celebrate our achievements. It is the moment to recall how all our hard work and restless work have turned to a sweet sense of joy and pride. Today, as we stand firmly with our heads high, it is priceless pride that we face, gathering and sharing this momentous occasion with all the members who guided us into completing this milestone and our loved ones. Special thanks to the Dean, members of the faculty, professors, my fellow graduates, friends, and family.

As we bid farewell to the hallowed halls that have been our second home, let us carry forward the lessons learned, the friendships forged, and the memories created. Let us not see this as an end but as a new beginning—a commencement of a journey where each of us contributes to the tapestry of the world with our unique colors and patterns.

On behalf of all Faculty members of Architectural Engineering, I congratulate you on your graduation. I wish you good luck, recognition, and a joyful journey in life, career, and studies.

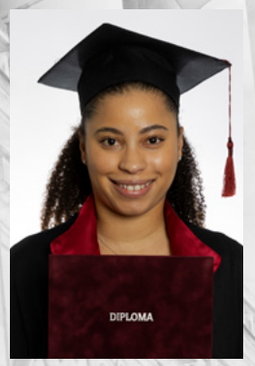
Pouria Paidar

Faculty
of Architecture — MSc

Prof. György Alföldi DLA
Dean, Faculty
of Architecture

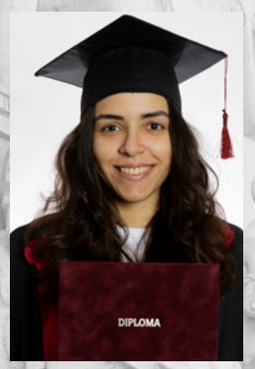
Dr. Ágnes Gyetvai Balogh
Vice-Dean, Faculty
of Architecture

Atiyeh Sadeghi



Belanisa Gomes E Reis

Merna Ibrahim Issa Albeiruti



Roberia Rubia Belizario Torres

Prof. György Alföldi DLA
Dean, Faculty
of Architecture

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

Faculty of Architecture — OTM

Fatima Ezzahra Imouzaz

Pegah Eskandary

Pouria Paidar

Zeyu Xiao

Faculty of Architecture

Fatima Ezzahra Imouzaz
Faculty of Architecture

Merna Ibrahim Issa Albeiruti
Faculty of Architecture

Atiyeh Sadeghi
Faculty of Architecture

Belanisa Gomes E Reis
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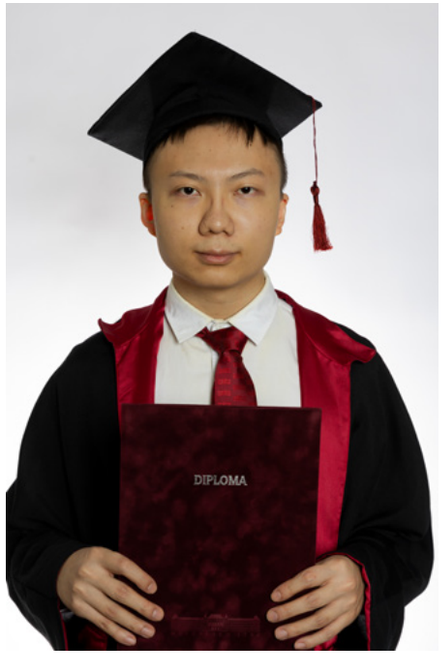
Faculty of Architecture

Pouria Paidar
Faculty of Architecture

Roberia Rubia Belizario Torres
Faculty of Architecture



Zeyu Xiao
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 happen 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. But in your case these last semesters became, however, again extremely hard because of the pandemic situation. Chemistry is a practice-oriented scientific area which can hardly be learned well online, without the manual work in different laboratories. Thus these semesters required extra and tedious activity not only from you, but from the teachers, too. But fortunately, you could successfully overcome this last big barrier.

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, that as in the previous years, some of you want to apply to our further formations. We are ready to continue the common work, hopefully 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 task for you. So don’t be afraid, you will have a plenty of jobs 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 Ecaterina Revenco

Dear Rector, Deans, all academic and supporting staff, families and fellow graduates,

I am extremely honored to be writing this speech and recalling our university journey. I would like to take this chance to express my sincere gratitude for the opportunity to study at BME and for Stipendium Hungaricum scholarship provided by the Tempus Public. Also, I would like to thank the professors, PhD students, mentors, and other staff for their responsiveness and willingness to help. My special thanks go to my thesis supervisor and consultants, from whom I have met so much support and who made my journey easier.

Congratulations! We have reached this day and are now BME graduates. Most of us started our studies far away from home in the difficult year of 2020 when there was online learning; we could not even meet and get to know each other as usual. At that time, after the pandemic, we had to spend almost the full day in the laboratory to catch up on what we missed. Our journey was not easy and everyone who is here has done a huge amount of work and showed a lot of dedication in reaching their goals. There is a quote stating that “the harder the training, the easier the battle”, so these 4 years were a preparation for further crucial steps in our life.

We came here after high school in search of high-quality education, but what we gained goes beyond that. We faced various challenges and learned to overcome different obstacles – I can surely say this experience made us grow. We came immediately after high school, still teenagers with so much to learn, and now we are graduating as more mature young people. It is undeniable, that there is a lot left to learn and that the long journey is awaiting us, but I believe that with this experience we can reach our goals and move forward without difficulty. Looking back, I can say that I am a different person now – Hungary has become my second home and I got to know so much about the various cultures of my classmates and friends; and met amazing people who I can call mentors. It not only broadened my horizons but also made me more confident and knowledgeable. I can also see these changes in others, so it makes me assured that we all will find success in our respective fields.

Last but not least, I wish you all good luck in your future endeavors! Thank you!

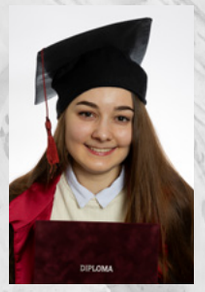
Ecaterina Revenco

Faculty of Chemical Technology and Biotechnology — BSc

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

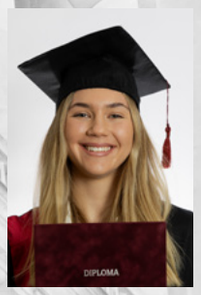
Dr. Alfréd Kállay-Menyhárd
Vice-Dean, Faculty of Chemical Technology and Biotechnology

Aidana Andizhanova

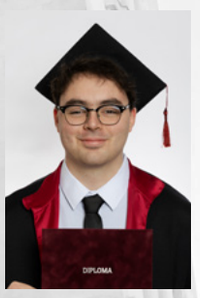


Ecaterina Revenco

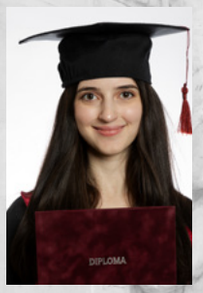
Eduarda Manuela Gressler



Elena Partalo



Guillermo Enrique Molinar Ponce



Letícia Fontana Tolezani

Marija Kalezic

Mungunshagai Unenbileg

Nelson Ndege Orangaposo

Soeun Choi

Yosser Younsi

Faculty of Chemical Technology and Biotechnology — MSc

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

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

Maksim Selchenko

Mirza Aslanli

Sukhbaatar Batnasan

Ziya Yusifov

Faculty of Chemical Technology and Biotechnology

Aidana Andizhanova
Faculty of Chemical Technology and Biotechnology

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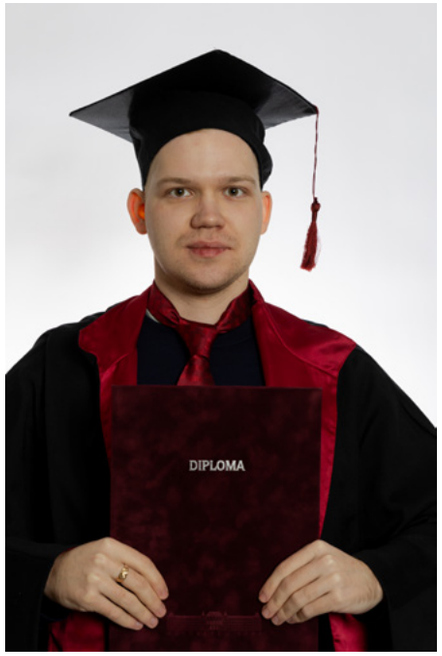

Maksim Selchenko
Faculty of Chemical Technology
and Biotechnology

Marija Kalezic
Faculty of Chemical Technology
and Biotechnology

Nelson Ndege Orangaposo
Faculty of Chemical Technology
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Soeun Choi
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and Biotechnology

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Faculty of Chemical Technology
and Biotechnology

Yosser Younsi
Faculty of Chemical Technology
and Biotechnology

Ziya Yusifov
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,

You're finally here at the end of your studies. You have spent many years working hard for this moment. You may be feeling some anxiety and excitement about what possibilities the future holds for you. Your ambition has brought us all together and we all know how many difficulties you have had to face in a foreign country and how many obstacles you have had to overcome to get to this present moment. It is your dedication and perseverance that led you all through the way to your degree.

Today doesn't represents the end of your school days, but the beginning of new heights for you as you are moving on to the next stage of your lives.

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 method how you can acquire theoretical and practical knowledge that enables you to become an international-level engineer. I hope we have shown you all the beauty and responsibility of engineering profession.

And here we are now, at the coronation of a joint effort of the student, family, and university staff – the graduation. With the valuable „passport" you all have, your degree will open up opportunities for you where you can express your creativity and your ability of innovation. You have proven yourself to be dedicated students who have the capacity to do great things in life.

Never forget the passion and commitment you have given to learning and studying at BME. Therefore, always make sure the same dedication guides your further studies and career. Moving on to a new sphere of career and dreams can be a challenging process but I am convinced that you will all succeed.

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

I wish you the best of luck in all of your future endeavors.

Farewell and good luck!

Dr. Eszter Gerhátné Udvary

Vice-dean for International Affairs

On behalf of the Faculty of Electrical Engineering and Informatics

Farewell message

from Chaitanya Arora

Dear Rector, Deans, all academic and administrative staff, families, and the Class of 2024,

On achieving this significant milestone of graduating from Budapest University of Technology and Economics (BME), a wave of emotions envelops us. The past years have been a transformative journey of growth, resilience, and companionship.

The decision to move from our home countries to Hungary for our studies was a courageous leap into the unknown. Arriving in an alien city, with a distinct culture and language, brought both happiness and apprehension. The initial hurdles of adapting to this new environment and the sense of isolation were very real. However, it was on the course of overcoming these challenges, with the support of newfound friends and the collective spirit of those on a similar journey, that we discovered a strength within ourselves. Hungary, initially a foreign land, gradually became a second home—a testament to the resilience the city cultivated in us.

BME, with its rigorous curriculum and demanding environment, served as the crucible where we evolved into more capable, knowledgeable, and resilient individuals. The academic pressure and daily challenges became huge opportunities for growth.

Beyond academics, BME is a repository of cherished moments, strong friendships, and invaluable experiences. The laughter, the challenges, and the victories we shared have enriched our lives in ways beyond measure. BME is indeed a second home, a place where we found a sense of belonging and forged connections that will last a lifetime.

As we step into a new chapter, let's carry forward the knowledge gained, the friendships nurtured, and the resilience cultivated during our time at BME. Here's to the Class of 2024, a group of individuals ready to leave their mark on the world.

Cheers to our collective success!

Chaitanya Arora

Faculty of Electrical Engineering and Informatics — BSc

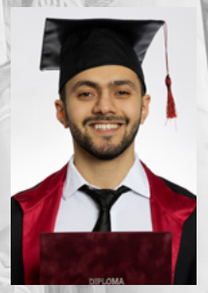
Prof. Charaf Hassan
Dean, Faculty of Electrical Engineering and Informatics

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

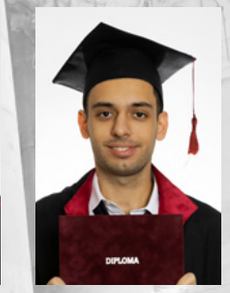
Dr. Eszter Gerhátné Udvary
Vice-dean for International Affairs, Faculty of Electrical Engineering and Informatics

Abdel Aziz Akmatsadykov

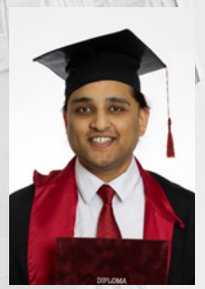
Abdelrahman Desoki



Ahmed Yassine Kallel



Ali Lubab Ali Salman



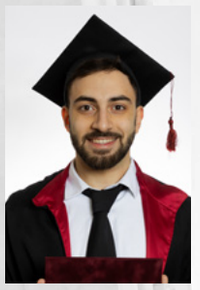
Basit Shabbir

Belek Ayazbekov

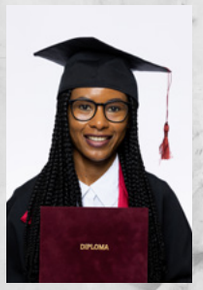
Chaitanya Arora

Firas Affes

Kasay Ito



Laith Alnaser



Linea Dute Mwaetako

Mahdi Yahia

Mohammaderfan Koupaei

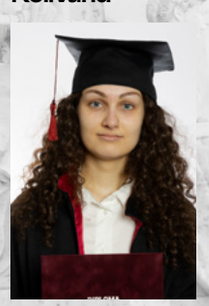
Mohammadparsa Kolivand

Mohammed I.K. Mohra

Neda Radonjic

Niiazbek Mamasaliev

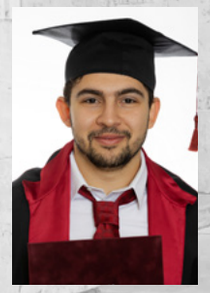
Roqaya Hassan Elhalawany



Sladana Gligoric

Tatiana Barbova

Yanal Rida



Oussama Dhouioui

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

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

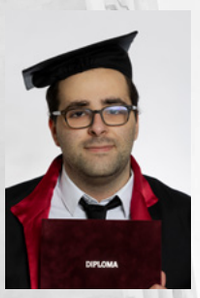
Dr. Eszter Gerhátné Udvary
Vice-dean for International Affairs, Faculty
of Electrical Engineering
and Informatics

Antony Tharwat Fekry Megalla

Arlind Bajraktari

Azad Hasanli

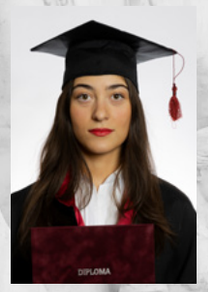
Ermuun Batbayar



Fares Ghezal

Jiayi Guo

Mehrab Mahdian



Meri Menabde

Tahira Fazal

Tiansheng Xi

Faculty of Electrical Engineering and Informatics — MSc

Faculty of Electrical Engineering and Informatics

Abdel Aziz Akmatsadykov
Faculty of Electrical Engineering and Informatics

Abdelrahman Desoki
Faculty of Electrical Engineering and Informatics

Ahmed Yassine Kallel
Faculty of Electrical Engineering and Informatics

Ali Lubab Ali Salman
Faculty of Electrical Engineering and Informatics

Antony Tharwat Fekry Megalla
Faculty of Electrical Engineering and Informatics

Arlind Bajraktari
Faculty of Electrical Engineering and Informatics

Azad Hasanli
Faculty of Electrical Engineering and Informatics

Basit Shabbir
Faculty of Electrical Engineering and Informatics

Ermuun Batbayar
Faculty of Electrical Engineering and Informatics

Fares Ghezal
Faculty of Electrical Engineering and Informatics

Belek Ayazbekov
Faculty of Electrical Engineering and Informatics

Chaitanya Arora
Faculty of Electrical Engineering and Informatics

Firas Affes
Faculty of Electrical Engineering and Informatics

Jiayi Guo
Faculty of Electrical Engineering and Informatics

Kasay Ito
Faculty of Electrical Engineering and Informatics

Laith Alnaser
Faculty of Electrical Engineering and Informatics

Mehrab Mahdian
Faculty of Electrical Engineering and Informatics

Meri Menabde
Faculty of Electrical Engineering and Informatics

Linea Dute Mwaetako
Faculty of Electrical Engineering and Informatics

Mahdi Yahia
Faculty of Electrical Engineering and Informatics

Mohammaderfan Koupaei
Faculty of Electrical Engineering and Informatics

Mohammadparsa Kolivand
Faculty of Electrical Engineering and Informatics

Mohammed I.K. Mohra
Faculty of Electrical Engineering and Informatics

Neda Radonjic
Faculty of Electrical Engineering and Informatics

Sladana Gligoric
Faculty of Electrical Engineering and Informatics

Tahira Fazal
Faculty of Electrical Engineering and Informatics

Niiazbek Mamasaliev
Faculty of Electrical Engineering and Informatics

Roqaya Hassan Elhalawany
Faculty of Electrical Engineering and Informatics

Tatiana Barbova
Faculty of Electrical Engineering and Informatics

Tiansheng Xi
Faculty of Electrical Engineering and Informatics

Yanal Rida
Faculty of Electrical Engineering
and Informatics

Oussama Dhouioui
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 specialty (Hungarian and English),
- Vehicle Engineering master specialty (Hungarian and English),
- Logistics Engineering master specialty (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).

The doctoral certificate of Kálmán Kandó

The ornamental chain of the Faculty of Transportation Engineering and Vehicle Engineering

Farewell message

on behalf of the Faculty of Transportation Engineering and Vehicle Engineering

Dear graduates, colleagues, family, and friends,

Congratulations to you all. I would also like to thank all of the staff who have worked tirelessly to help all of you students 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 the education level. Your teachers have served as both teachers and colleagues and as mentors and friends in these 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 careers in transportation or vehicle engineering.

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 central to 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.

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

Dr. Ádám Török

Vice-Dean for Scientific and International Relations,

Faculty of Transportation Engineering and Vehicle Engineering

Farewell message

from Zhang PengJu

Honorable Rector, Vice Rectors, Deans, Vice Deans, Dear Teachers, Families, Graduating students, Ladies and Gentlemen, please allow me to express to you my highest greetings.

It is a great honour for me to be here to deliver the farewell speech on behalf of the graduating students of Faculty of Transportation Engineering and Vehicle Engineering.

Graduation is a time of mixed emotions — bitter-sweet moments of celebration and melancholy. As we stand on the cusp of a new chapter in our lives, it's natural to reflect on the journey that has brought us to this point. The road to graduation has been paved with challenges and triumphs, tears and laughter. It has been a testament to our resilience and determination, a rite of passage that has forged us into the individuals we are today. Oliver Wendell Holmes once said, "Man's mind, once stretched by a new idea, never regains its original dimensions." This couldn't be more true of our journey. The experiences we've endured have stretch our minds, shaping us into more informed, tolerant, and resourceful individuals.

Looking back, we can see how the seeds of ambition were sown and nurtured through relentless endeavour and the unrelenting pursuit of excellence. It has not been an easy road; in fact, we have laboured hard and persevered, and now, as we stand on the stage of our new life, we can say with certainty that the struggle has been worth it.

As we move forward, it is important to take the lessons learned here with us. Let's take the momentum we've built up during our time and bring it to our future endeavours. Let's open our arms wide and steadfastly embrace the opportunities that lie ahead.

However, as we step out into the world, let us also remember that we are not alone. Your friends, your teachers, and your university are your best companions. The connections we make at BME will be with us forever. Let's cherish these relationships and use them to remind us of our shared experiences and the impact they have had on our growth.

As we embark on the next chapter, let us be hopeful and trust that tomorrow will bring new opportunities and experiences. Let's remain optimistic about the future and believe in our ability to make a positive impact on the world. Life is good. Enjoy it to the best of your ability.

Let us go out into the world with a sense of gratitude for our opportunities, a renewed sense of purpose and optimism for the future, and create our own glory. May each of us find fulfilment and success in all that we do, and may our future journey be filled with light and love.

Zhang PengJu

Faculty of Transportation Engineering and Vehicle Engineering

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

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

Eloy Alexander Jara Palma

Husam Marie Hasan Ferdoos

Mohammad Zubair Shagoo

Pengju Zhang

Faculty of Transportation Engineering and Vehicle Engineering

Eloy Alexander Jara Palma
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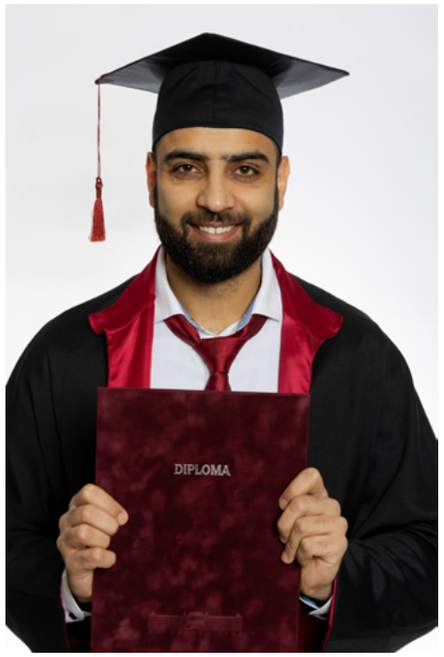
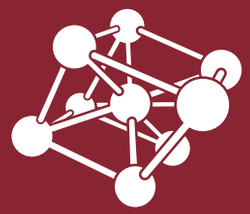
Husam Marie Hasan Ferdoos
Faculty of Transportation Engineering and Vehicle Engineering



Mohammad Zubair Shagoo
Faculty of Transportation Engineering and Vehicle Engineering

Pengju Zhang
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 fourth semester students can choose specialized courses in the topic of Advanced mathematics, Advanced physics, Computer programming, Optics, Material science, Nuclear technology, and Medical physics.

In 2023, we started 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 endorse with the program to provide internship and possible future employment for the prospective graduates. The starting year of the program turned out to be highly successful with more than 70 students enrolled, above the original expectations.

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, and Statistical physics. The additional three specializations are Nanotechnology and material science, Optics and photonics, and Nuclear technology. From 2024, we start the Medical physics MSc program as an independent curriculum in response to the ever increased demand for graduates in this domain. A post-graduate PhD program 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 mathematics 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 is 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 researches in various areas of cognitive science combining theoretical 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 organizes 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. The Nuclear Technology Management post-graduate degree program combinates nuclear technology and management knowledge and skills. This specific program has been endorsed by the International Atomic Energy Agency as 7th in the World.

The Institute of Nuclear Techniques organizes – or participates actively in the organization 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 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 organizational 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 had taken you a lot of effort, hard work, completing home-works, 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 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 off climate change.

When studying Mathematics or Physics you got used to an abstract way of thinking and acquired com-plex 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 your 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 you to retain the contact with your former professors, we are eager to get in touch with you as professionals 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 Nuraly Dyussenov

Dear graduate students,

On this memorable day I am honored to speak on behalf of our faculty of Natural Sciences and con-gratulate all of you on finishing your program and getting your diploma — a proof of your hard work and persistence. It surely was a tough journey, but an interesting one. One of the best qualities that all of us acquired is the ability of not giving up in the face of challenges and failures, and I hope that you will hold on to this amazing trait of yours. I wish you all good luck in your lives and let this path of life be shined with mathematics, so you don't get lost!

I also want to thank my friends and family for being understanding and supportive. It means a lot.

I am grateful for the opportunity of being immersed in academic life in a foreign country that Stipendium Hungaricum scholarship program has offered. Seeing how professors 'preach', as mathematician Paul Erdős used to name lectures, made me respect and appreciate the beauty of mathematics, so I want to thank them dearly for this. I deeply value the guidance and effort that you put in us, as some of us might continue your legacy and start 'preaching' as well, thus continuing to spread the beauty of mathematics to the next generations. As P. Erdős used to say, "Another roof, another proof".

Most of our classes took place on the highest floors of our faculty's buildings. I always took the stairs instead of an elevator to reach them, and I saw something very soothing in this everyday action of climb-ing up the stairs to reach your classroom: one must regularly put effort in order to ascend and achieve wisdom and knowledge. Hence, I want you all to set your goals high, and make the best use of the tools that you gained from the university to reach them.

Nuraly Dyussenov

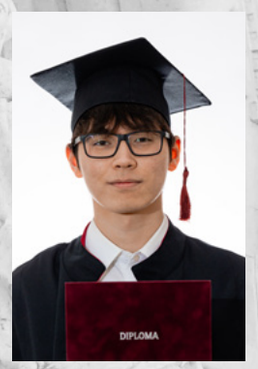
Prof. Attila Aszódi
Dean, Faculty
of Natural Sciences

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

Faculty of Natural Sciences

Clerence Mashile

Kalina Dimovska



Nuraly Dyussenov

Sainbileg Gankhuyag

Faculty of Natural Sciences

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Kalina Dimovska
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 Business and Economics, Engineering Management, Management and Leadership, Finance, Communication, Regional and Environmental Economics, 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) as well as a Business and Management Ph.D programme in English for both inernational and Hungarian students.

Our programmes focus on interdisciplinary themes, as well as on economic, 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.

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. Four of our master's degree programmes (Engineering Management, Finance, Management and Leadership, Regional and Environmental Economics) and the Ph.D. programme belong to the English language education portfolio of the Faculty.

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 UN PRME (Principles for Responsible Management Education), the Global Association of Risk Professionals (GRASP FRM), and the CFA Institute.

Our programmes emphasize innovation, encompassing both technical and social aspects, to provide our students with the most pertinent and current knowledge and skills. This ensures they are well-prepared to address the swiftly evolving business and social landscape in the responsible and effective management of the upcoming 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 Derique Casio

To the Honorable Rector, the Vice-Rectors, the Deans, Vice-Deans, members of the faculty, directors, friends, family, and my fellow graduates. It is a tremendous honour to share my farewell message on behalf of the international graduating students from our prestigious university.

We entered the university knowing nothing, but we leave knowing more. These past two years have been filled with unforgettable moments. A lot of people met. A lot of borders or cities crossed and travelled. A lot embarrassing, yet memorable moments. A lot of laughs were shared. A lot of lessons learned. For sure, we have a whole scrapbook of moments collected here. It is true that time has changed us. We were different people today than we were back on our first days in BME. We were new then, but now we're settled. We thought we couldn't live abroad, but we've been here for years now. We were amateurs then, but now we're experienced. We're lost completed to the Hungarian Language, now at least we know 4 phrases by heart. Despite our personal circumstances, we would not have been able to stand here proudly today if not for our perseverance and grit. In spite of our own prowess, let us remember everyone who enabled us to succeed. To the Hungarian and Philippine Government, and everyone else who established the Stipendium Hungaricum scholarship programme, I have the utmost gratitude for allowing myself and others this life changing opportunity to grow in a foreign land, and become specialists in our fields. To the Faculty of Economic and Social Sciences, I am grateful for my studies at our department as well as high degree of talent, flexibility and support among the faculty.

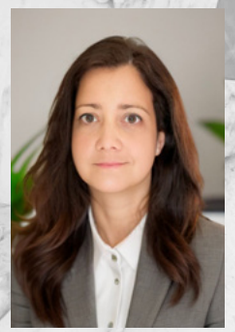
To my amazing supervisor, Dr. Csete Maria, thank you for encouraging me to grow and constantly improve my thesis. Thank you for my course mates, Akos, Xinzhi, Dina, Mellon and Uma, for the friendship and our teamwork to finish deadlines and to study difficult exams throughout our masters degree. Thank you to the Filipino students and church community as you've brought me closer to home and to have shown me more of Hungary. Thank you Rotaract Club of Budapest International for allowing me to join the community of global citizens and for allowing me ample opportunities to make an impact here in Hungary. Most of all, I would like to thank my family, my mom Michelle, Ate Diane and Brother Mykel, for believing, and supporting me throughout my life and my stay here. And to my father Dong, who is watching from heaven, I dedicate my masters to you. I'm proud to be your son and I am your Champion.

In closing, let us remember that our lives will continue to change, and that we have the choice to accept these changes with grace. As we venture forth, let us continue to remain resilient and accept our circumstances with good will and the perseverance to overcome whatever is infront of us. Congratulations, fellow Graduates, May your futures be as bright and promising as the paths you have forged during your time as master's students. Thank you.

Derique Casio

Faculty of Economic and Social Sciences

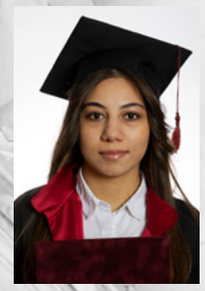
Prof. Tamás Koltai
Dean, Faculty
of Economic
and Social Sciences



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

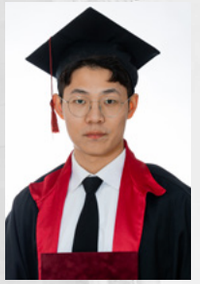
Ádám Sütő

Adrienn Tímea Buzás



Aisha Gadirova

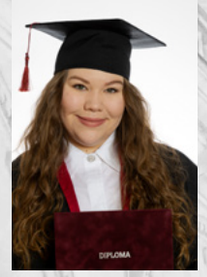
Boglárka Eszter Pimper



Chao Wang

Derique Mikhail Casio

Fidan Suleymanli



Henriett Kovács

Kinga Elvira Erőss

Maliha Momotaj Himu

Marat Mauleshov

Mónika Papp-Richter

Nabila Nur Joya

Noémi Hedvig Wieder

Rattana Virabouth

Telman Allahverdiyev

Umut Sydykova

Youness Moussafir

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Umut Sydykova
Faculty of Economic and Social Sciences

Youness Moussafir
Faculty of Economic and Social Sciences

Graduates of the Budapest University of Technology and Economics

Faculty of Civil Engineering

Abasiodiong Iwatt Edoh
Ádám Gábor Varró
Ameen Hasan Chalawi
Anna Mirkó
Anzhelika Dragush
Armat Akbulatov
Arslan Amjad
Azizagha Huseynov
Badrkhan Tahseen Kheder
Balázs Liszi
Busungila Hashurah
Choijamts Otgonbaatar
Claudenise Alves De Lima Silva
Danyal Akbar
Dara Fouad Othman
Duan Yang
Ehsan Ullah
Emese Cser
Emina Mahmutagic
Emmanuel Owusu-Acheampong
Esraa A.O. Elragas
Gaozhan Chai
Gaziza Zhakiyanova
Gent Gashi
Gideon Kipruto
Hong Tho Tran
Jaafar Majid Jasim Alrammahi
Jessica Haddad
Joseph Kigula
Levente Szatmári
Louay Saadaldeen
Máté Kissevich-Horváth
Mehboob Ali Brohi
Mohammed B. M. Arabdamaireh
Muhammad Ahmer Waleed
Nurlan Aliyev
Othman Beirumi
Panduleni Simeon Hihepaali
Qasim M. S. Bsharat
Raksa Mom
Sheeraz Ahmed Rahu
Soufiane Gani
Tamás Szögi
Zoltán Nagy

Faculty of Mechanical Engineering

Anel Kozha
Anousa Symoukda
Bochra Rouabeh
Elifsu Girgin
Haitham Elloumi
Haitham Samer Sa'di Al-Khatib
Hakam Abed Mohammed Alemarah
Ian Kipkurui Tuikong
Ijaz Hussain
Juan Sebastian Andrade Galvez
Kervin Matimba Chauke
Khalil Moumen
Khayal Mehyaddinov
Khouloud Bejaoui
Kieran Jeremy Emmanuel
Marko Ceranic
Matheus Nunes dos Santos
Mehmet Sinan Güneri
Mina Monier Meleka Girgis
Munkhtamir Borkhuu
Omar Wael Kamaleldin Abdelkhalek
Purevbat Mandakhbayar
Ricardo Ivan Saldana Huerta
Ryan Sittlington
Saif Ahmad
Shafiul Ahmed
Temirlan Tuyakbayev

Faculty of Architecture

Atiyeh Sadeghi
Belanisa Gomes E Reis
Boldtur Bilguuntuguldur
Fatima Ezzahra Imouzaz
Merna Ibrahim Issa Albeiruti
Pegah Eskandary
Pouria Paidar
Roberia Rubia Belizario Torres
Zeyu Xiao

Faculty of Chemical Technology and Biotechnology

Aidana Andizhanova
Ecaterina Revenco
Eduarda Manuela Gressler
Elena Partalo
Guillermo Enrique Molinar Ponce
Letícia Fontana Tolezani
Maksim Selchenko
Marcell Havelda
Marija Kalezic
Mirza Aslanli
Mungunshagai Unenbileg
Nelson Ndege Orang'o
Soeun Choi
Sukhbaatar Batnasan
Yosser Younsi
Ziya Yusifov

Faculty of Electrical Engineering and Informatics

Abdel Aziz Akmatsadykov
Abdelrahman Abdallah Shalabi Mohamed Desoki
Ahmed Bannour
Ahmed Yassine Kallel
Alexandr Babii
Ali Lubab Ali Salman
Antony Tharwat Fekry Megalla
Arlind Bajraktari
Azad Hasanli
Basit Shabbir
Belek Ayazbekov
Chaitanya Arora
Ermuun Batbayar
Fares Ghezal
Firas Affes
Gurdeep Singh
Haitian Lu
Jiayi Guo
Kasay Ito
Kirolos Atiaa Zaky Sawiris
Laith Omar Said Alnaser
Linea Dute Mwaetako
Mahdi Yahia
Malik Abdur Rafey
Márton János Homoki
Mehrab Mahdian
Meri Menabde
Mohamed Amine Zaghdoudi
Mohammaderfan Koupaei
Mohammadparsa Kolivand
Mohammed I. K. Mohra
Mokhtar Mohammed Abdullah Sagheer Al-Ahdal
Morui Zhu
Neda Radonjic
Niiazbek Mamasaliev
Nurzhan Bodes
Oussama Ben Fathallah
Oussama Dhouioui
Qianhao Zhang
Rahma Waleed Fahmy AbdelMalek Fares
Roqaya Hassan Elbanna Hussein Saad Elhalawany
Shamil Niftaliyev
Sladana Gligoric
Srdan Cosic
Subhan Hagverdiyev
Tahira Fazal
Tatiana Barbova
Tiansheng Xi
Vladyslav Moisieienkov
Yanal Ibrahim Mohammad Rida
Yusuf Cakmak
Zijun Zhou
Zill E Islam

Faculty of Transportation Engineering and Vehicle Engineering

Eloy Alexander Jara Palma
Husam Marie Hasan Ferdoos
Mohamed Achraf Loumi
Mohammad Heider Shehadeh Ayoub
Mohammad Zubair Shagoo
Pengju Zhang
Saif Ali Abbas Albuhayder

Faculty of Natural Sciences

Beksultan Kassiyenov
Clerence Mashile
Kalina Dimovska
Nuraly Dyussenov
Sainbileg Gankhuyag

Faculty of Economic and Social Sciences

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Péter Vajda
Rattana Virabouth
Telman Allahverdiyev
Umut Sydykova
Youness Moussafir


DIPLOMA


DIPLOMA

Opening ceremony

Student life at BME

“During my studies I have met many amazing people! I will never forget all the group projects and labs that became more pleasant by having friends by my side.” - Letícia Fontana Tolezani

“Choosing to study at BME was one of the best decisions of my life. Besides gaining knowledge I also gained amazing friends during one and a half years of training. ” - Nurlan Aliyev

“The picture I shared is from our very first TDK achievement. Me and Mehmet Sinan Guneri participated in very well known research competition and we got 2nd place in ”Materials Science and Engineering” department. We were quite happy because we spent 1 year in laboratories and we learnt a lot from our professors. That picture has a big memory and means a lot to us!” - Khayal Mehyaddinov

“My time at BME has been a transformative journey filled with both challenges and accomplishments. One standout memory is the collaborative spirit among classmates during our group projects, where we tackled real-world engineering problems. The sessions in the campus library are etched in my memory. BME’s dynamic learning environment and the support from dedicated professors have played a pivotal role in shaping my academic and personal growth.” - Ameen Hasan Chalawi

“Rolling into BME as an international student in spring session meant I had be the semester-hopper pro. Switching classmates every few months? Brutal, right? But surprise, surprise – it was a jackpot for friendships! Cheers to the shuffling and the solid friendships that stuck – my BME ride wouldn’t have been half as wild without them! “ - Maliha Momotaj Himu

“As I approach graduation this semester as a civil engineer, I reflect on the transformative journey that university has been for me. The diverse range of courses not only broadened my horizons but also deepened my passion for lifelong learning. Graduating marks the culmination of years of hard work, and I look forward to applying the knowledge and skills gained to contribute meaningfully to the field and embark on the next chapter of my professional journey.” - Mehboob Ali Brohi

“One memorable experience from my university studies was the collaborative project where my classmates and I worked together to create a research paper. The late-night brainstorming sessions and the sense of accomplishment after completing the project left a lasting impression.” - Aidana Andizhanova

University life at BME


BME
TUDÁSCENTRUM


BME
40









1/2



STIPENDIUM HUNGARICUM MENTOR NETWORK
HÖOK
STIPENDIUM HUNGARICUM MENTOR NETWORK

BUDAPESTI MŰSZAKI ÉS GAZDASÁGTUDOMÁNYI EGYETEM


Duna Aréna
IWSD
Fuskás Ferenc Stadion


Our life in Hungary

“Budapest University of Technology and Economics (BME) will forever hold a special place in my eart, and I am eager to return soon. The memories and connections forged during my time here are invaluable, and I am grateful for the experiences that have shaped me. Until then, BME will remain a home to remember.” - Hashurah Busungila

“Mama, I made it!”

- Elena Partalo

“BME was where I not only gained my academic foundation but also made lifelong friends. From spontaneous coffee breaks to deep discussions about our future careers, these relationships have been as valuable as my degree.”

- Arlind Bajraktari

“BME has been a transformative experience for me. It has not only equipped me with engineering knowledge but also elevated my way of thinking. Amidst my studies, I have learned the value of collaboration and the importance of persistence in the face of failure.” - Kervin Matimba Chauke

“Thinking back to my first days at university in 2017, I felt like a blank page, unsure of where to begin. Now, as I approach graduation, I realize that the journey has been tough but incredibly fulfilling. Each challenge, late-night study session, and bond with fellow students has shaped who I am today.” - Bilguuntuguldur Boldtur

“I am so satisfied with my studies at BME. The major I was pursuing has launched last year for the first time and it was a milestone in my academic journey.” - Othman Beirumi

“The golden opportunity I had to participate in European Project Network, which gave me the the privilege of becoming a life-long Member of EELISA and travelling to Madrid, Spain to participate in the EELISA Protech Hack-athon in 2023 is one memory I will never forget.“ - Emmanuel Owusu-Acheampong

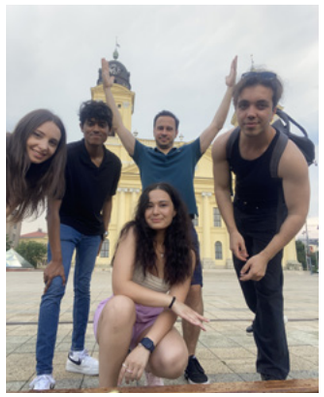
“I am grateful for the incredible journey through my university’s master’s program, where each lecture, project, and collaboration has been a stepping stone toward personal and academic growth. The camaraderie among fellow students and the guidance from dedicated professors have enriched my learning experience. “ - Alrina Fernandez

“One of my fondest memories dates back to my second semester. It was a time when my classmates and supervisor discovered my Iraqi heritage. Their curiosity about Iraqi monuments and sculptures was immense, leading them to request a presentation from me on the subject.“ - Jaafar Majid Jasim Alrammahi

“Discovering the opportunity to study at BME brought both excitement and challenges, but it was a journey I was determined to undertake.” - Roberia Rubia Belizario Torres

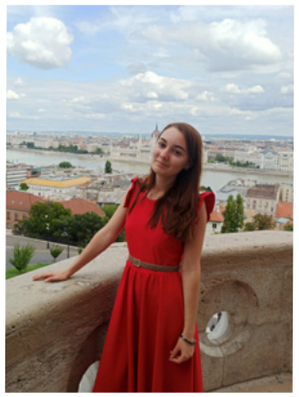
“BME showed me that hard work always pays off.” - Meri Menabde

“The university campus was not just a place of learning but also a hub of lifelong friendships and unforgettable moments, from dorm room discussions to impromptu study group gatherings.” - Mom Raksa



“Embarking on our BME journey in a new country and culture was challenging, but the incredible people at BME turned those challenges into shared triumphs. They became more than classmates; they became our family, making the journey easier and more memorable.“ - Belanisa Reis

“Budapest University of Technology and Economics holds a special place in my heart as it was a pivotal chapter in my academic journey. The bustling campus atmosphere, filled with students from diverse backgrounds, fostered a vibrant and intellectually stimulating environment.“ - Aalif Hossain Shaan



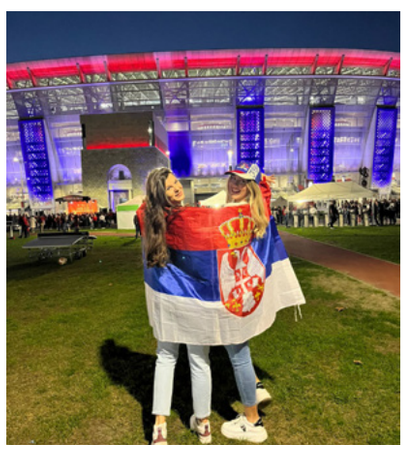
“The terrifying reality of adulting is making me seriously -unexpectedly- consider extending my stay at BME with a master’s degree. Dear BME, any chance you could sneak in a ‘How to Adult 101’ guide with that diploma? Serious inquiries from a panic-stricken graduate-to-be.“ - Roqaya Hassan Elhalawany

“I’m immensely grateful for my unforgettable time at BME, where late-night engineering projects turned into triumphs of teamwork, and the library study sessions transformed into cherished moments of laughter and shared knowledge.“
- Mungunshagai Unenbileg

“May your path through life be filled with scenery, and may you welcome the warmth of the sun at every dawn. Wherever you go, whatever you encounter, remember the strength you have. Graduation is not the end, but the beginning of a new chapter.”
- Zhang PengJu

“I am super thankful to bme because it provided me with an opportunity to study , make great friendships and gave me chance to improve myself.“
- Chaitanya Arora

“I had the privilege of being mentored by inspiring professors who went above and beyond to make the learning experience enriching.“
- Fatima Ezzahra Imouzaz

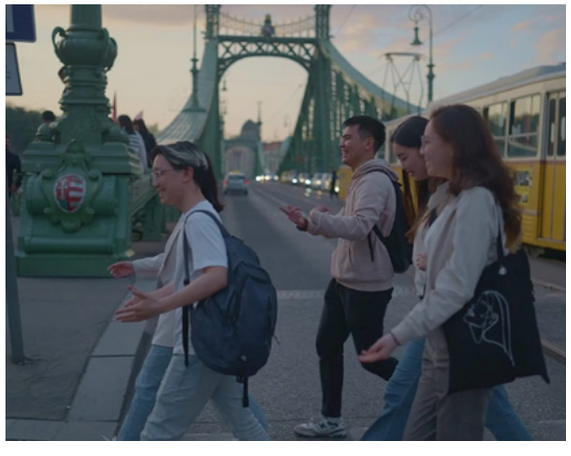


“Embarking on my academic journey at BME was the first challenging step. The enduring nights devoted to meticulous preparation for my degree and the pursuit of thesis research are indelibly etched in my memory, attesting to the unwavering dedication and determination invested in my academic endeavors. ” - Hakam Alemarah

“On the very first day at BME I met a guy who speaks my language. We are organizing our wedding in September. I also met my best friend here, she will be my maid of honour.” - Marija Kalezic

“My journey at BME was not without its trials. This experience, though initially disheartening, taught me invaluable lessons about determination, hard work, and the importance of a supportive academic community, shaping me into not just a better student, but a stronger individual.” - Belek Ayazbekov

“As graduation day neared, a sense of accomplishment permeated the air. The cap and gown became symbols of all the knowledge and growth I have gained in past two years of my master’s study in BME, without a doubt, BME has been an experience of lifetime.” - Joya Nabila Nur



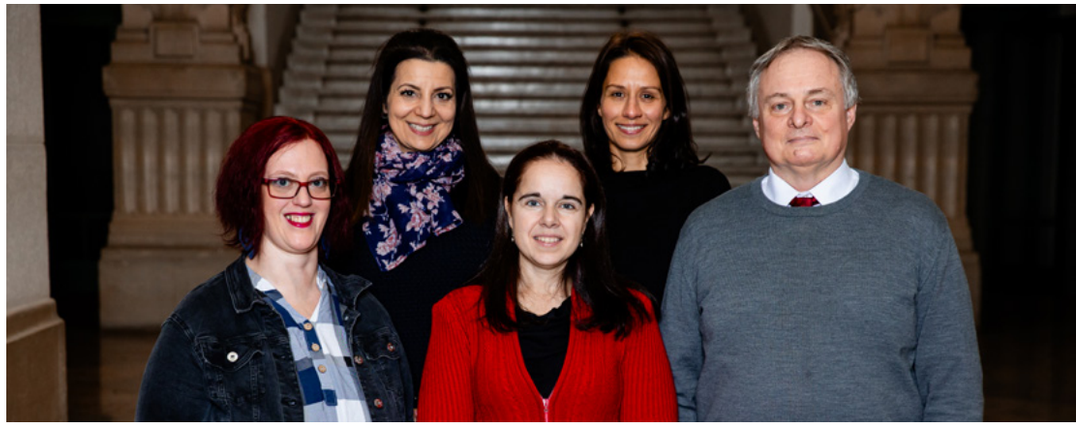
Good-bye

from the BME Staff!

Department of International Relations: Bíbor Bánfiné Klekler, Dalma Demjén, Rita Marositsné Moldvay, Beáta Tóth-Csentős, Ádám Bajusz, Zsolt Lesetár

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

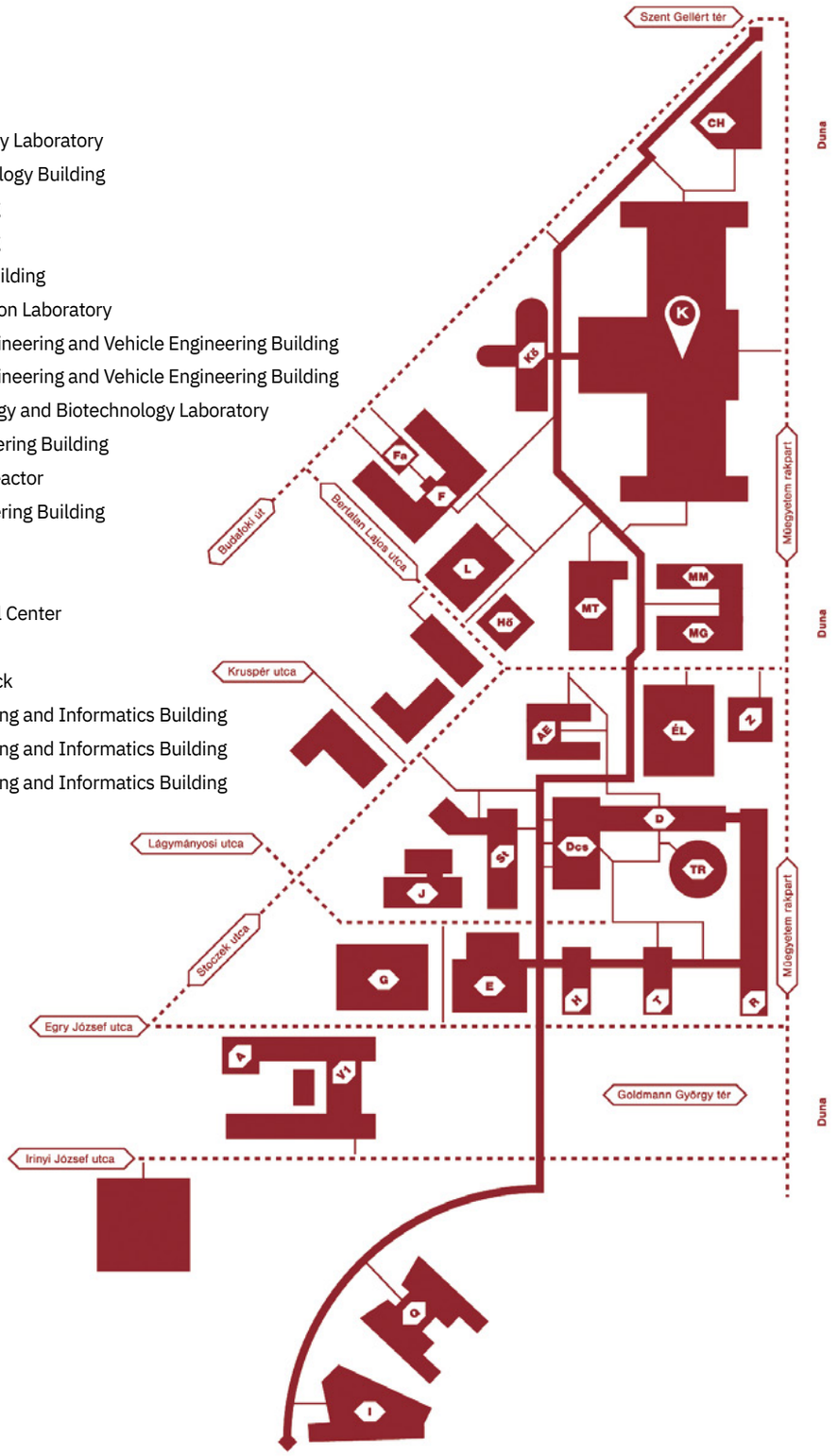
Department of Internation Services: Ádám Bajusz, Márton Wildner, Levente Bartha, Eszter Haraszti, Teréz Seregi, Rita Marositsné Moldvay, Róbert Szávuly



Faculty International Coordinators: Krisztina Kardos-Varga, Kata Jármi, Barbara Kissné Farkas, Judit Urbán, Dr. Zoltán Hell

Central Academic Office: Nikolett Keres, Ágnes Csonka, Judit Eszesné Szilágyi, Zsanett Sztraka, Nóra Gáspár, Éva Buza, Ildikó Németh, Anna Lara Szedlák, Emília Magdolna Szabó, Hermina Feró, Borbála Ruszin, Ágnes Kovácsné Farkas

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 242 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.

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