



Faculty of Civil Engineering Annual Report

January - December
2023

WORK AND TASK FULFILLMENT REPORT FOR THE PERIOD JANUARY – DECEMBER 2023

During the period January-December 2023, the Faculty of Civil Engineering, as an academic unit of the University of Prishtina, has undertaken a series of activities. These activities can be classified into routine functioning activities of the faculty, as well as other initiatives aimed at fulfilling the strategy of the University of Prishtina, specifically that of the Faculty of Civil Engineering. Such activities include organizing conferences, collaborations with local and international institutions, hosting open lectures, workshops, and other related events.

The mission of the Faculty of Civil Engineering is based on the mission of the University of Prishtina for the development of academic activities, research, scientific work, and to create professional education frameworks for the job market, particularly in the field of civil engineering. This mission aims to align with the strategic and developmental interests of the country.

For more precision, the mission of the Faculty of Civil Engineering (FCE) is to create, develop, preserve, and transmit knowledge through teaching and research activities. Additionally, it aims to provide opportunities for all residents of Kosovo to benefit from lifelong learning without limitations.

However, the university level of studies within the academic unit prepares students to adapt well and quickly to entry-level positions in the job market. Simultaneously, the university level creates favorable conditions for further studies at higher levels, through easily transferable knowledge in related disciplines.

The activity of our academic unit is characterized by the interaction between teaching and research activities.

The HEI activity are focused on:

- Teaching – Learning,
- Continuous scientific research in service of society and the country,
- Professional development of individuals that is compatible with market demands,
- Development of activities in areas necessary to meet market demands,
- Offering services and expertise for third parties,
- Research in the development of patents by academic staff.

Purposes of the Faculty of Civil Engineering is to play a leading role in the development of education, science, society, and the economy, and also to establish and uphold the highest standards in the field of teaching and learning. FCE seeks to adhere to European Standards and fully integrate into the European higher education area according to the Bologna Declaration.

Teaching and scientific research represent the main activities of this academic unit. The activity of an academic unit is characterized by the interaction between teaching and research activities. This is because, for achieving the desired results in studies, teaching must be inseparable from scientific research work.

The strategic development plan of the Faculty of Civil Engineering for the period 2021-2023, as well as the Strategic Plan for 2024-2028, approved by the Faculty Council and published on the official website <https://fin.uni-pr.edu/page.aspx?id=2,85> sets the institutional achievement goals for the period January-December 2023, with prioritized objectives.

- Continuous improvement of the quality of teaching and learning,
- Enhancement and expansion of the academic staff's capacities and learning environments,
- Improvement in the quality of student services,
- Promotion and enhancement of quality standards for study programs,
- Enhancement of capacities for laboratories in scientific professional fields,
- Advancement of international-level research and scientific investigations.

Our Vision:

- The Faculty of Civil Engineering aims to be a distinguished center of civil engineering education in Kosovo, internationally recognized for its study programs, the quality of education, and institutional contribution to the sustainable development of the field of civil engineering.
- The flexibility level and adaptability speed of study programs according to the needs and demands of the job market, ensuring high quality in all academic activities, research, teaching, and other services required by local institutions.
- Research and academic work by teachers and students to support the process of quality teaching, contemporary assessments, learning, as continuous institutional processes.
- Creating unimpeded conditions and opportunities for the development and advancement of academic activities for advanced teaching and scientific research by academic staff.
- The active involvement of students both individually and collectively in the life of the Faculty, specifically in the development of study programs and their learning experiences.
- The development and advancement of study programs in the fields of Civil Engineering, specifically in Construction, Geodesy, Hydraulic, Environmental Engineering, and Integrated Water Resources Management, supported by scientific and educational achievements in Europe and worldwide.
- International and European focus in the fields of Civil Engineering, specifically in Construction, Geodesy, Hydraulic, Environmental Engineering, and Integrated Water Resources Management, to ensure mobility and comparability of standards in qualifications and diplomas for both students and academic staff. Through international collaboration, we aim to fully integrate into the European higher education area.

Anyway, the university level of studies in our academic unit adequately prepares students to quickly adapt to entry-level positions in the job market. Simultaneously, the university level provides a good basement for further studies at higher levels through easily transferable knowledge in related disciplines.

According to the decision of the Faculty of Civil Engineering (FCE), No. 703, dated March 01, 2023, a proposal for reappointment is submitted to the Senate of the University of Prishtina 'Hasan Prishtina' to transition from the “Faculty of Construction” (In Albanian –

Fakulteti i Ndërtimtarisë) to the Faculty of Civil Engineering (In Albanian – Fakulteti i Inxhinierisë së Ndërtimit). This reappointment is deeply rooted in the fields of studies and study programs organized within our academic unit, which belong to Engineering. Also, comparing appointments in technical science faculties within our university, European universities that organize studies in similar fields bear the name with the content of Engineering.

In official communication in English, our faculty also uses the name Faculty of Civil Engineering, implying the same “**Faculty of Civil Engineering**”. The Senate of the University of Prishtina, with decision No. 728, dated March 27, 2023, approves the appointment proposal, and as of March 27, 2023, our academic unit is named the **Faculty of Civil Engineering (FCE)**.

The Faculty of Civil Engineering operates in an organized manner according to the organizational chart shown below.

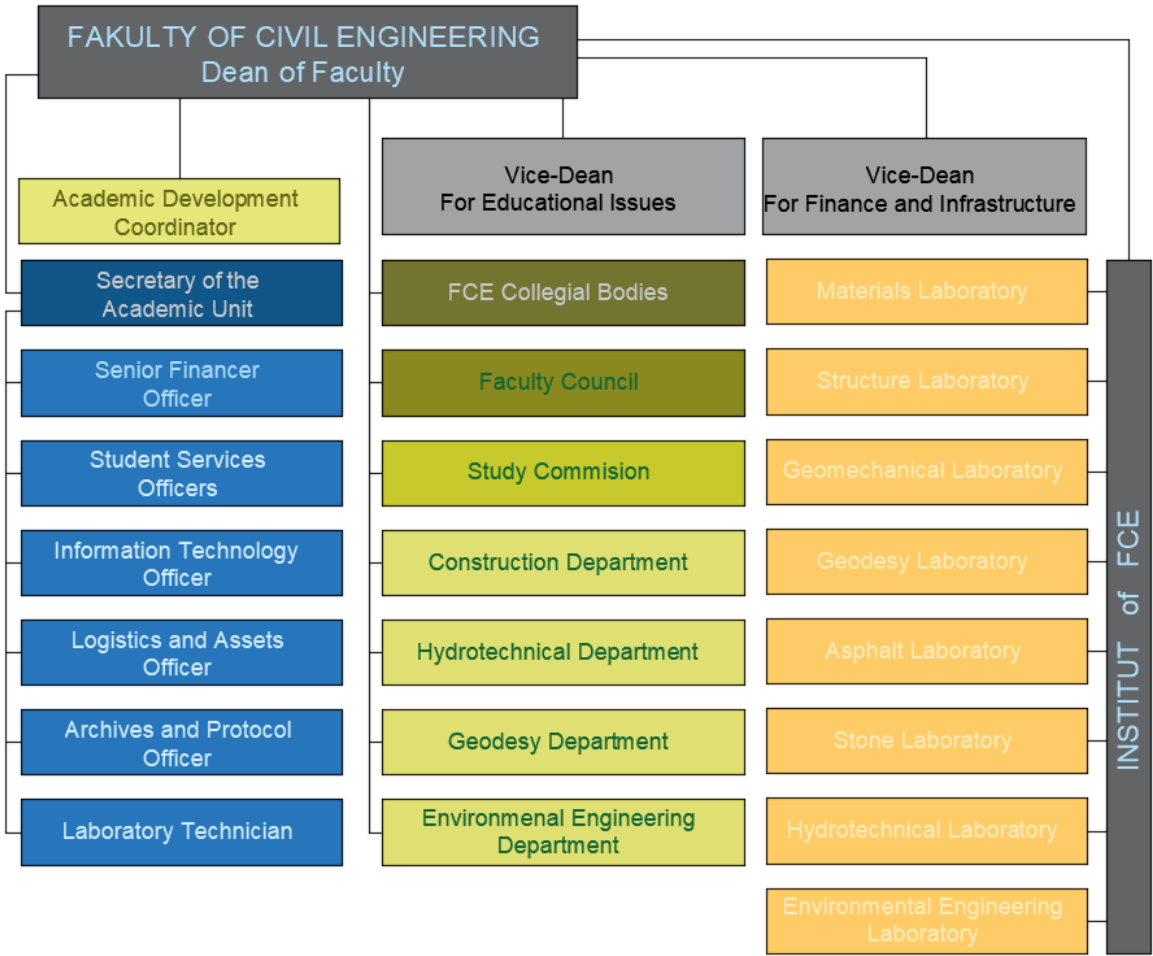


Figure 1. Organization chart of FCE

The website of the Faculty of Civil Engineering <https://fin.uni-pr.edu> is regularly updated and refreshed with current information. The refreshment of publications, information for the entire spectrum of professors, students, administration, and the Industrial Board is done in real-time.

Every academic year, the Faculty selects and nominates excellent students for whom they give certificate, and these students are published on the Faculty's electronic page. In special activities, these students are given priority in selection. More information can be found on the

page <https://fin.uni-pr.edu/page.aspx?id=2,158>. On December 1, 2023, the distribution of the "Excellent Student" recognitions was organized, titled as an event on the first day of the last month for regular students from the two levels of study programs at FCE. A total of 22 students were honored with an average grade above 9 (nine). Compared to the last three years, there is an increase in the quality of students' achievements.

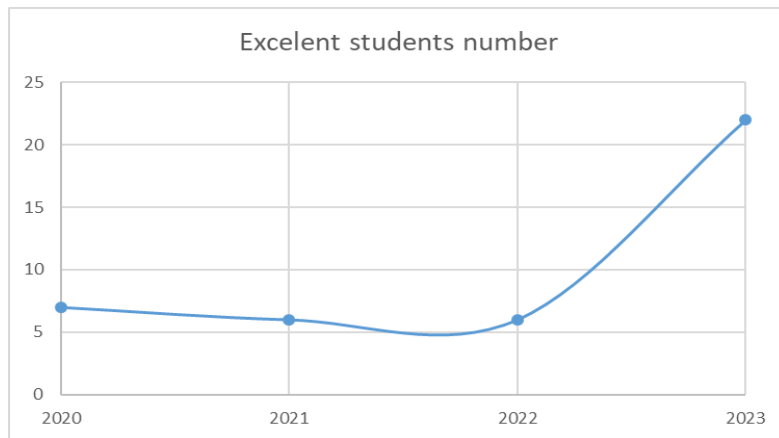


Figure 2. the number of excellent students of FCE in last three years

During the May of 2023, the staff and administration of FCE were engaged in a campaign to raise awareness among high school graduates in Kosovo. Meetings were organized to prepare informative materials, specifically brochures with content from FCE and study programs organized by the Academic Unit. The Pristina International Sumer University PISU, held from June 3 to June 14, 2023, is considered a contributor to the awareness of young graduates, taking into account the workforce and special presentations of academic units in the city of Prishtina. On June 11, 2023, the presentation of FCE, departments, and study programs took place with massive participation from professors, administration, and students in George Bush Square

For the conduct of teaching in study programs and in accordance with the departments requirements, as well as the approval of the FCE Council, in accordance with regulations and the decision of the Senate, visiting professors are engaged for the academic year 2023/2024 from the Polytechnic University of Tirana, specifically from the Faculty of Civil Engineering, the University of Cologne, and the University of North Macedonia, according to the following order:

1. Prof.Dr. Neritan Shkodrani, Polytechnic University of Tirana, specifically Faculty of Civil Engineering.
2. Prof.Dr. Oltion Marku, Polytechnic University of Tirana, specifically Faculty of Civil Engineering.
3. Prof.Dr. Lars Ribbe, Faculty of Spatial Development and Infrastructure Systems Institute for Technology and Resources Management in the Tropics and Subtropics (ITT), Technology Arts Sciences TH Koln, Germany.
4. Dr.Sc. Sudeh Denhavi, Faculty of Spatial Development and Infrastructure Systems Institute for Technology and Resources Management in the Tropics and Subtropics (ITT), Technology Arts Sciences TH Koln, Germany.
5. Prof. Vlado Spiridonov, University of "Kirily and Methody" Skopje, North Macedonia.

6. Prof.asoc. Mimoza Hyseni Spahiu, University of “Haxhi Zeka”, Pejë.

Note: Visiting professors, according to the order, are requested to prepare contracts based on the proposal.

1. Prof. Dr. Neritan Shkodrani, a full-load contract, although the load for the winter semester is 13 hours, and for the summer semester is 12 hours, the Faculty reorganizes the workload in a way that subjects from different directions can be combined into a single subject.
2. Prof. Dr. Oltion Marku, a contract for a workload of 8 hours in the winter semester, while for the summer semester, it is 4 hours.

For the Visiting Professors (positions 3 to 6) as above numbering, contracts will be made based on the workload in the tables. However, for their engagement, the University of Prishtina has no financial obligations since their financial compensation is provided by the supporter of the organization of the Master IWRM study program, which is realized by SKAT.

Due to the significant need for scientific works, the Faculty of Civil Engineering of the University of Prishtina, in collaboration with the Faculty of Civil Engineering of the Polytechnic University of Tirana, is organizing the International Conference on Civil Engineering ICCE from May 18 to 20, 2023, in Tirana <https://www.icce2023.al/>.

The ICCE 2023 was a successful conference, with over 250 participants. Representatives from 16 different European and global countries attended, including Japan, Italy, Germany, Austria, Poland, Greece, Turkey, Czech Republic, Portugal, Denmark, etc. The conference featured nine keynote speakers from Japan, Italy, Austria, Greece, Poland, Portugal, etc., covering topics in the field of Civil Engineering. A total of 140 abstracts were accepted, with 100 papers presented, including 31 from the academic staff of the Faculty of Civil Engineering.

Table 1. list of scientific papers at ICCE 2023 from the academic staff of the FCE.

Abstract ref. no.	Title	Authors
ICCE2023_SEE01	Nonlinear analysis of ground motion amplification for the case of Zagreb (Croatia) M5.5 Earthquake on 22 March 2020	Adrian Kadiri , Neritan Shkodrani
ICCE2023_SEE04	The advantages of designing residential buildings with the minimum height of floors allowed by standards	Ragip Behrami, Ilir Hetemi, Arton Qorri
ICCE2023_SEE05	Deviation effect on structure from Approved Layout Plan	Florim Grajcevc i, Armend Mujaj, Egzon Ahmaxhekaj
ICCE2023_SEE07	SEISMIC PROTECTION OF BUILDINGS WITH TESTED UPGRADED SLIDING ISOLATION SYSTEM WITH SF DEVICES	Jelena RISTIC, Valon VESELI, Sergey CHURILOV, Danilo RISTIC
ICCE2023_SEE09	LOAD TESTING OF NEW BRIDGES	Hajdar Sadiku , Labeat Misini, Zijadin Guri, Ilir Canaj
ICCE2023_SEE14	Experimental Study on Steel Damper for passive energy dissipation	Franco Bontempi, Francesco Petrini, Ferit Gashi
ICCE2023_SEE15	Finite element modeling of retrofitted beam-column joint with FRP	Naser Kabashi , Milot Muhaxheri, Enes Krasniqi , Florentinë Latifi, Ylli Murati
ICCE2023_GE01	Geothermal piles a sustainable concept of alternative and renewable energy	Josif Josifovski, Guxim Rrudhani
ICCE2023_SEE16	Numerical Analysis of Extended End-Plate Bolted Connection with four bolts per horizontal row	Anita Gjukaj , Petar Cvetanovski, Ana Trombeva Gavriloska, Ali Muriqi
ICCE2023_SEE17	MASONRY BUILDING DESIGN IN ACCORDANCE OF THE EUROCODE STANDARDS, ANALYSIS OF THE BUILDINGS IN SEISMIC ZONES	Valentrim Bajrami, Florim Grajcevc, Valon Veseli, Florim Istrefi
ICCE2023_SEE18	ANALYSIS AND TESTING OF COLUMNS REINFORCED WITH STEEL AND GFRP BARS	Zijadin Guri , Gjorgji Kokalanov, Danilo Ristić
ICCE2023_SEE19	Experimental and numerical Analysis of the steel columns under the axial	Armend Mujaj , Florim

	load based on European Design Norms	Grajcevi, Driton Kryeziu, Ferit Gashi
ICCE2023_SEE20	Fire resistance analysis of one-way simply supported reinforced concrete slabs axially unrestrained and fully restrained	Fidan Salihu, Fatos Pllana, Meri Cvetkovska
ICCE2023_SEE24	Damage assessment and retrofitting strategies used in different low- and mid-rise buildings	Arton D.Dautaj , Markel Baballëku
ICCE2023_SEE25	Nonlinear modeling and design of the unreinforced masonry structures	Florim Grajçevci1, Agona Ramaj2, Fjolla Nicaj3
ICCE2023_SEE27	LAB-TESTS OF ORIGINAL AND UPGRADED RC FLOOR-BEAM AND COLUMN CONNECTIONS OF MODERN PRECAST HALL SYSTEM	Labeat MISINI, Jelena RISTIC, Viktor HRISTOVSKI, Danilo RISTIC
ICCE2023_SEE30	Comparison of different slabs in RC structure	Cene Krasniqi , Markel Baballëku, Enes Krasniqi
ICCE2023_CMCE06	Retrofitting of reinforced concrete column with externally bonded FRP mesh- Comparison and Numerical Methods	Vlorian Kaqi, Bledian Nela, Naser Kabashi
ICCE2023_CMCE07	Structural response of the masonry infilled reinforced concrete frames: A numerical approach	Bledian Nela, Vlorian Kaqi, Naser Kabashi
ICCE2023_CTM01	Maintenance as a Tool to Avoid Defects in Sports Facilities: A Case Study of "Fadil Vokri" Stadium in Prishtina	Nexhmi Krasniqi, Idaver Huseini, Besim Duraku, Anjeza Alaj
ICCE2023_CTM02	Quality management for design and built versus design bid build contracts for infrastructure projects	Esat Gashi , Marjan Ivezaj
ICCE2023_CTM03	Impact of Covid-19 in the Construction Sector in Kosovo: A post pandemic overview	Vlorian Kaqi, Illir Rodiqi
ICCE2023_CTM04	Impact of delay completion of works to financial S-Curve – Railway rehabilitation project in Kosovo (Fushe Kosove-Hani i Elezit)	Valon Veseli , Esat Gashi, Vlorian Bublaku, Donika Xhakli
ICCE2023_CM01	Defects in concrete structures – Poor material quality or improper manufacturing	Florentinë Latifi, Agona Ramaj, Naser Kabashi, Florim Grajçevci
ICCE2023_CM05	Challenges in Hazardous Waste Management during Energy Efficiency Renovations: Case Study of Mitrovica	Nafije Gashi - Ademi, Vlerë Krasniqi, Luljeta Hoxha - Osmani
ICCE2023_CM06	Repair Principles for Corrosion-Damaged Reinforced Concrete Structures	Naser Kabashi, Mihrie Bajoku
ICCE2023_GE06	Geophysical surveys in order to determine the possibility of concentration of compact marbles in Syrigane locality, Skenderaj Municipality, Kosovo	Islam Fejza , Idriz Jata, Lavdim Osmanaj, Astrit Shala
ICCE2023_GE08	Soil improvement with geosynthetics in construction of railway track bed in weak soils – Rehabilitation of Kosovo Railway Route 10	Guxim Rrudhani , Esat Gashi, Isë Dakaj, Sylë Berisha
ICCE2023_HFWM04	Recent Trends of Several High and Low-Lands Rivers in Kosovo and Region	Arban Berisha
ICCE2023_HFWM05	Probable maximum flood analysis for the Radoniqi Reservoir	Lavdim Osmanaj, Laura Kusari , Venera Hajdari
ICCE2023_HFWM07	Transposition of the EU water directives into national legislation of Kosovo: the progress and challenges in implementation	Afrim Lajçi
ICCE2023_EQ02	Strategic Environmental Assessment: A Case Study of an Innovation and Training Park in Prizren	Vlerë Krasniqi , Nexhmi Krasniqi, Lumnije Gashi – Shabani
ICCE2023_WWT02	Selection of processes in decentralized treatment systems for special facilities	Premton Thaqi , Figene Ahmedi, Cenë Krasniqi
ICCE2023_CCA02	Engineered wetlands use case for climate change adaptation of vineyards in the Rahovec wine region of Kosovo.	Dustin Sanchez , Vlerë Krasniqi
ICCE2023_GCPRS02	Challenges and achievements over the years on the Department of Geodesy in Republic of Kosova	Fitore BAJRAMI LUBISHTANI , Milot LUBISHTANI
ICCE2023_GCPRS03	Generating 3D model for National Library of Kosovo using UAV technology	Agon Nimani, Behar Sallahu, Çlirim Podvorica, Albion Sertolli, Fisnik Loshi
ICCE2023_GCPRS06	State Coordinate Reference Systems of the Republic of Kosova and the Republic of North Macedonia in international EPSG and PROJ databases	Bashkim Idrizi
ICCE2023_GCPRS08	Assessing of UAVs technology for the documentation and preservation of cultural heritage buildings	Almedina Rapuca , Namik Kopliku
ICCE2023_NSDI05	The use of elevation data in geospatial analysis	Besim Ajvazi, Perparim Ameti , Milaim Sylka
ICCE2023_TE04	Assessing the Impact of Atmospheric Conditions on Road Safety: A Study of the Radavc-Kulle Road	Fatbardha Ferataj, Nol Dedaj, Hazir Qadraku, Arjana Lajqi, Arlinda Cakaj, Muneeb Dar
ICCE2023_EQ06	Assessing the Potential of Lolium multiflorum and Trifolium pratense as Bioindicators of Heavy Metal Pollution	Arlinda Cakaj, Maria Drapikowska, Marta Lisiak-Zielińska, Anneta Hanć, Klaudia Borowiak, Kinga Drzewiecka, Arbnore Cakaj
ICCE2023_EGSM03	An overview of geodetic methods for the study of tall infrastructural objects	Artan Rexhepi, Lyubka Pashova, Bashkim Idrizi

From October 9 to 11, 2023, a workshop on seismology is being organized in Podgorica, Montenegro, by EPOS.

Participants in the workshop include various institutions from the region, Europe, and other countries worldwide. The Faculty of Civil Engineering is actively participating in the workshops and presentations related to seismic aspects and the effects of earthquakes on structures. The Faculty of Civil Engineering will also become a member of the EPOS consortium.



Photo 1. EPOS Seminar – October 2023.

In the last four years, EFEHR has made notable progress in the field of risk assessment and seismic threat in Europe. These achievements demonstrate EFEHR's commitment to advancing seismic research, accessing data, and scientific collaboration.

Recently, seven new partners have joined EFEHR. They are part of the General Assembly and are expected to collaborate in the future.

Recently, seven new partners joined EFEHR. We welcome them as part of the General Assembly and are looking forward to the future collaboration.

- Department of Civil and Environmental Engineering, Imperial College London (UK)
- Civil and Environmental Engineering at the University of Strathclyde (UK)
- Faculty of Civil Engineering, University of Prishtina "Hasan Prishtina" (Kosovo)
- Institute of Hydrometeorology and Seismology, Sector of Seismology (Montenegro)
- Department of Structures for Engineering and Architecture of University of Naples Federico II, Naples (Italy)
- Faculty of Sciences of the University of Lisbon, Instituto Dom Luiz IDL (Portugal)
- Department of Civil Engineering, TED University Ankara TED, (Turkey)

Based on the Statute of the University of Prishtina, regarding the organization and functioning of the Advisory Body (Industrial Board) of academic units, the Faculty of Civil Engineering is assisted by the job market in terms of feedback on the placement of graduates. To refresh the Industrial Board of the Faculty of Civil Engineering, negotiations have been conducted with numerous local companies that have expressed willingness to be part of the Board.

During the period covered by this report, the leadership of the Industrial Board (BI) holds regular monthly meetings with the Faculty (FN), as well as meetings with BI on a semi-annual basis. Together with BI, FN organizes open lectures, assists and financially supports the instructor with travel tickets, and provides students with books paid for by Board members.

On June 16, 2023, the elections for the Chairman of the Industrial Board of the Faculty of Civil Engineering were organized, and Mr. Afrim Demiri, c.e., was re-elected as the

Chairman of BI for the two-year term. During the same meeting, the two-year work report of IB was approved.

From June 19 to June 23, 2023, working meetings were organized with the Heads of Departments, Academic Staff, and the Administration of the Faculty of Civil Engineering regarding discussions on the Draft Statute of the University of Prishtina. All suggestions, recommendations, and proposals for the draft document were officially addressed to the Rector of UP and the working group responsible for drafting the University Statute.

Within the year, the Faculty of Civil Engineering organized and proposed four research project ideas. Out of the four projects, the following were awarded:

- Project for monitoring drinking water in the Lipjan Wells, valued at €55,000.00, financed by SKAT-Kosovo
- Project for monitoring atmospheric precipitation, valued at €60,000.00, financed by SKAT-Kosovo
- Project for the Assessment and Rehabilitation of existing structures with retaining walls in Ulpiana, Prishtina, €25,000.00, financed by the University of Prishtina

The project that did not qualify according to KUSA is;

- USGP23/24 "FCE Alumni Association Web Platform," valued at €50,000.00, a call from KUSA

During the year 2023, leveraging the achieved Erasmus+ projects with European Universities, mobilities for academic staff and students have been developed.

- The Memorandum with Trento University was won in 2023 and signed on 17.10.2023. It includes:
Mobility for five students from our Faculty to Trento for a semester.
Mobility for academic staff of 4 individuals for a 5-day stay.
Mobility for one administrative staff for a 5-day stay
- The Memorandum with BOKU University was won in 2023 and will conclude in June 2024. It involves:
Mobility for academic staff for 60 working days. Out of these, 15 academic personnel, including Lavdim Osmanaj, Premton Thaqi, and Hanan Shehu, have stayed from 18.06.2023 to 24.06.2023, with 45 remaining days to be utilized in 2024
- Memorandum with Cologne, Germany, has seen three mobilities for lecturers from the University of Cologne to our Faculty: Prof. Lars Ribbe, Xhesika Hoxha, and Sudeh Denhavi.

With the aim of improving the quality of teaching and contemporary assessment of students, a workshop was organized within FIN on October 4, 2023, featuring Prof. Majlinda Zhitija Gjellaj from the Faculty of Education at UP (University of Prishtina) as a lecturer. More information can be found here: <https://fin.uni-pr.edu/page.aspx?id=2,6,775>. This special session was dedicated to the academic staff involved in FIN's study programs, and at the end of the workshop, priorities and recommendations were determined, which were approved by the Faculty Council. The recommendations and positions include:

1. The presence of academic staff will be monitored, and at the end of each month, it will be presented to the members of the FCE Council.
2. All academic staff are obliged to submit the teaching hours report to the Vice Dean for Educational Affairs of the FCE at the end of each month. For any delay in submitting the report of teaching hours, the academic staff will be sanctioned without the right to justify the sanction issued by the management of the FCE.
3. For each exam period, the pass rate reports should be submitted to the Vice Dean for Educational Affairs.
4. Continuous assessment is mandatory according to contemporary work standards for each subject by each academic staff member.
5. For regular students at the BSc and MSc levels, there will be no exam session in November and April, while graduate students of both levels will have exam sessions in both months, following the recommendations of the central level of UP.
6. From January 15th to February 15th, the "Open Days" campaign will be organized. The academic staff, in coordination with the management of FCE, will arrange visits to high schools nationwide.

Organizing collegial meetings, faculty council meetings at the Faculty of Civil Engineering are held in accordance with the University Statute, with at least one meeting per month. Commission meetings for studies are regular and cater to student requests. Department meetings with faculty management are based on their needs and are held regularly. Additionally, the Dean's participation in Collegium of Deans and Senate meetings is regular. Management meetings with the Faculty's Industrial Board are regular and scheduled monthly

International Conference: "XX Technical Dam Control, Safety Hydraulics Structures," scheduled for September 12-15, 2023, in Chorzow, Poland

1. THE RECORDET STATISTICAL DATA OF THE FCE

1.1 Number of Students on HEI

The total number of active students at the Faculty of Civil Engineering for all BSc and MSc programs is 1159, including 825 males and 334 females

The study programs in Construction, Hydrotechnics, Geodesy, Environmental Engineering, and Integrated Water Resources Management consist of curricula structured around general subjects, subjects with a professional formative character, integrative subjects, professional and complementary subjects, and the thesis topic (Bachelor and/or Master). The curriculum is based on the application of prior knowledge and preliminary research.

Table 2. Current number of regular students in FCE

	Bachelor			Master			Total		
	Total	F	M	Total	F	M	Total	F	M
Construction	549	130	419	127	28	99	676	158	518
Hydrotechnics	110	21	89	56	30	26	166	51	115
Geodesy	178	46	132	62	25	37	240	71	169
Environmental Engineering	74	51	23				74	51	23
Road Infrastructure				3	3	0	3	3	0
TOTAL	911	248	663	248	86	162	1159	334	825

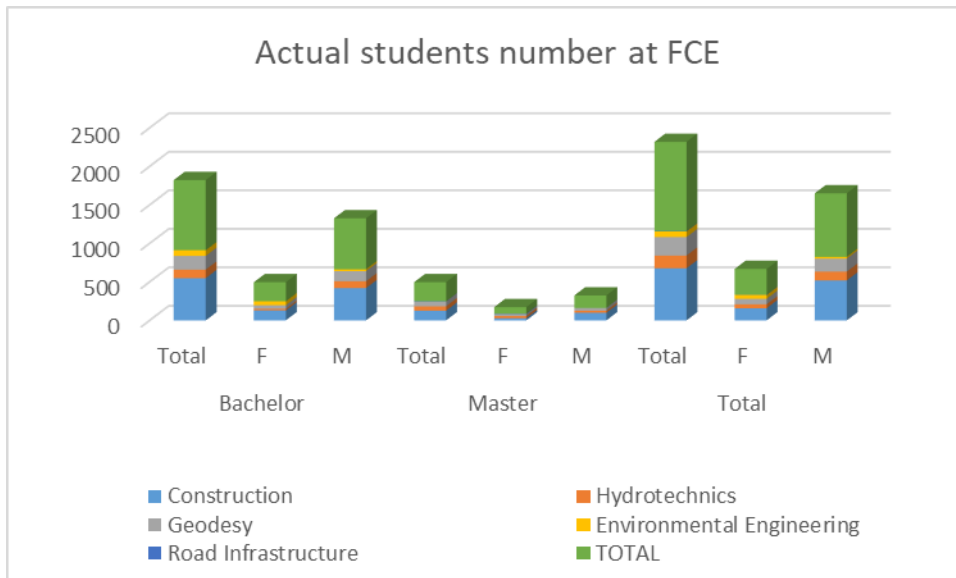


Figure 1: Active students number at FCE for 2023

The number of enrolled students in the study programs at the Faculty of Civil Engineering is declining compared to previous years. However, thanks to awareness campaigns conducted by the FCE staff in 2023, there has been a retention of the enrolled student count with a modest increase. The admission of new students for the academic year 2023/2024 in all Bachelor's programs is 148 students, and in Master's programs, there are 75 students. The capacity of the study programs for new students in all programs is 350 students, while the total registered for the academic year 2022/2023 is 223.

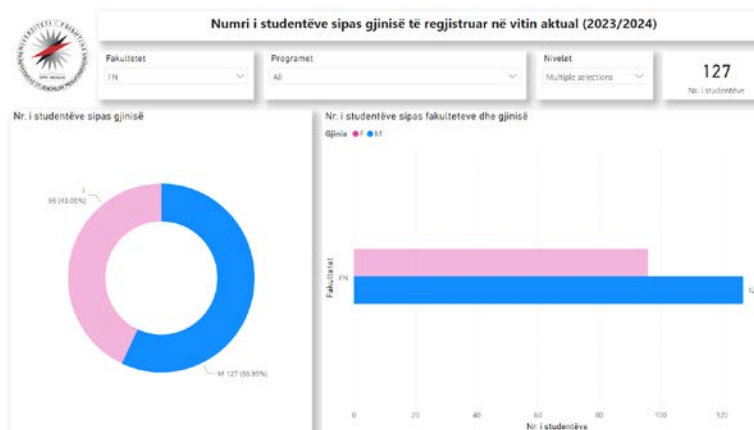


Figure 2. Students number in the FCE enrolled in base of genders.

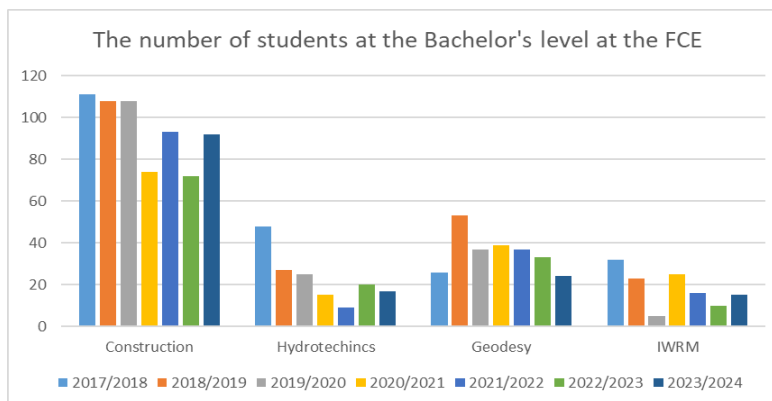


Figure 3. The number of students admitted to the Faculty of Civil Engineering (FCE) in the past five years for studies in Bachelor's degree programs.

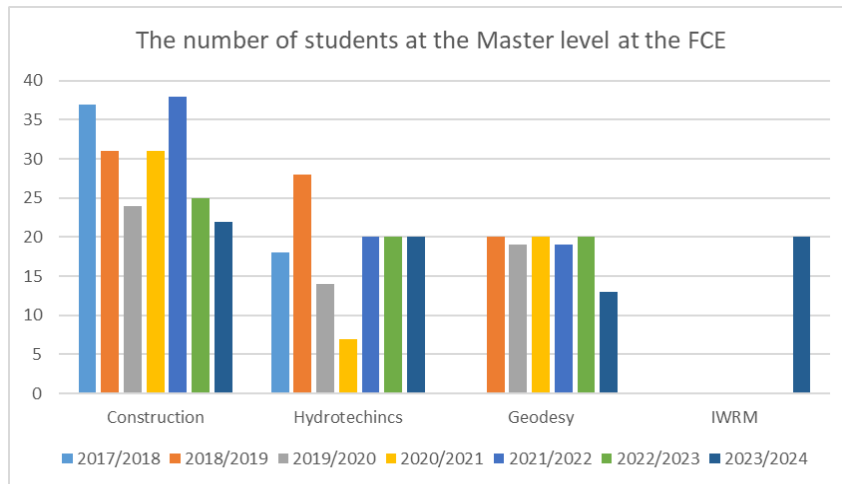


Figure 4. The number of students admitted to the Faculty of Civil Engineering (FCE) in the past five years for studies in Master degree programs

For graduated students, an Alumni database has been created based on their notes through a questionnaire posted on the faculty's website and continues to be filled in by graduated students. Meanwhile, in 2023, a project proposal has been drafted for the creation of the ALUMNI platform by the academic staff, and we are not classified in KUSA's offer. This studied and conceptualized project, considered necessary for FCE, will be materialized with financial support from donors in 2024.

There are several cases of student mobility from the Faculty of Civil Engineering to European institutions, such as: the University of Trento, Italy; Vienna University of Technology – postdoctoral studies, Austria; Poznan University of Life Sciences, Poland; Ghent University, Belgium. It is worth noting in this work report that one of our graduates from the Environmental Engineering program competed for Master's studies at 5 European universities, and all of them invited her to be their student.

Students at the Faculty have been given space on the Faculty's website. Transparent records of students include student representatives from the Student Council, student representatives on the Faculty Council, distinguished students, student work, Master's theses of students, etc.

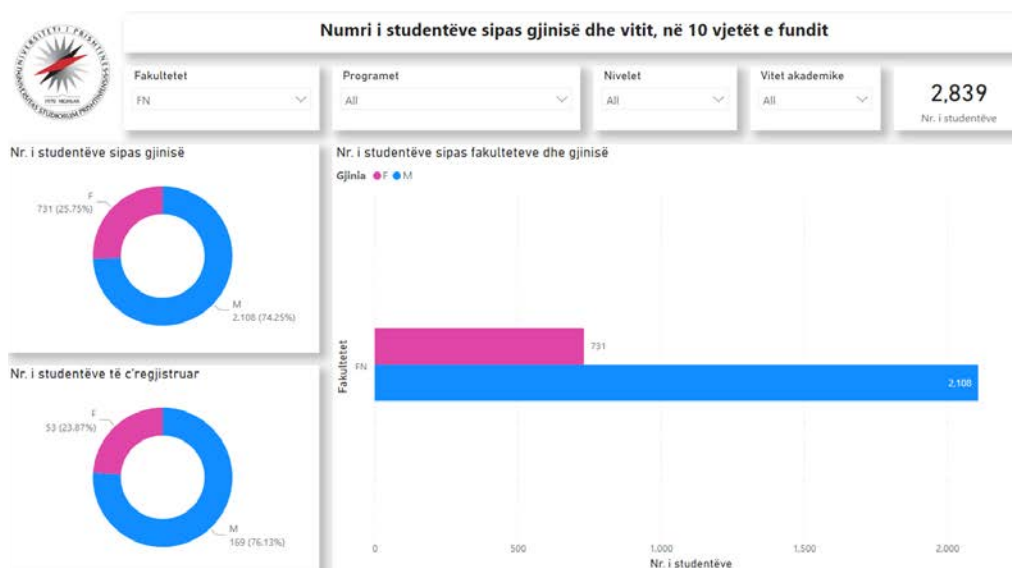


Figure 5. Table overview of the number of students at the Faculty of Civil Engineering in the last 10 years, as well as the number of deregistered students.

1.2 Academic Teaching

The year 2023 is characterized by the uninterrupted development of teaching in the summer and winter semesters of the academic years (2022/2023 and 2023/2024), compared to previous years when teaching was conducted in a virtual format, taking into account the impact of the pandemic and COVID-19 infections.

According to the data in SEMS and reports from teachers, a total of 4701 hours of teaching were conducted from February 15 to May 31, 2023, averaging 68.37 hours per day. Meanwhile, in the winter semester, classes began on October 1, and until December, the instructors of FCE held 4630 hours of teaching.

Table 3. Teaching hours conducted by regular academic staff from the University and engaged for the winter semester of the academic year 2022/2023 for the period January-May 2023.

Teaching hours conducted by academic staff for summer semester of 22/23						
Month	F1		F2	F3		F1+F2+F3
	BSc	MSc	BSc	BSc	MSc	
February	335	62	20	107	20	544
March	878	226	88	323	43	1558
April	692	178	36	229	36	1171
May	786	226	61	306	48	1430
Total	2691	692	205	965	148	4701

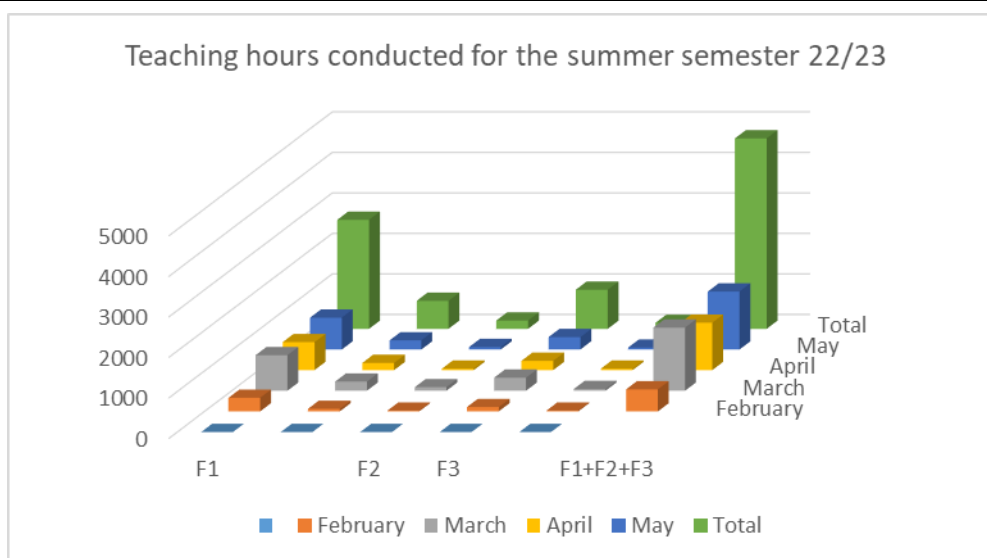


Figure 6. Graphs of teaching hours conducted for the summer semester classify by the engagement of the academic staff per month 22/23

Table 4. Teaching hours conducted by the regular academic staff, from the University and engaged for the winter semester of the academic year 2023/2024 for the period October-December 2023.

Teaching hours conducted by academic staff for winter semester of 23/24						
Month	F1		F2	F3		F1+F2+F3
	BSc	MSc	BSc	BSc	MSc	
October	641	233	114	146	52	1186
November	848	531	115	243	106	1843
December	792	447	31	124	362	1756
January						
Total	2281	1211	260	513	520	4785

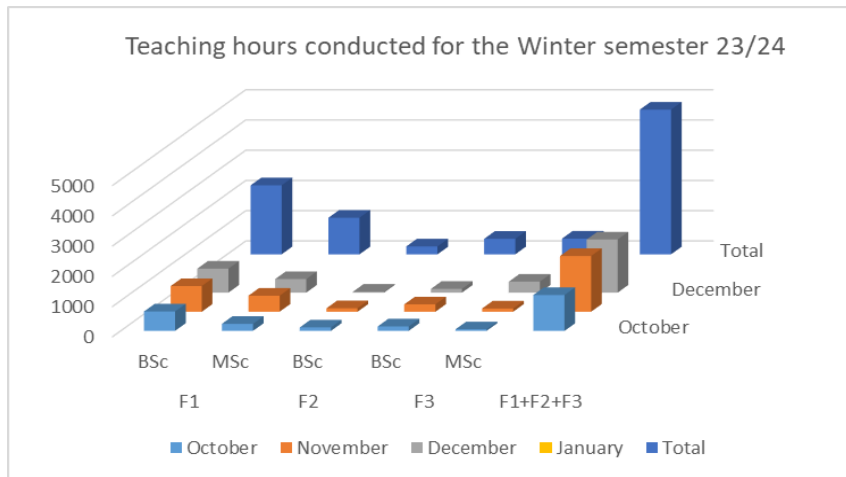


Figure 7. Graphs of teaching hours conducted for the winter semester classify by the engagement of the academic staff per month 23/24

1.3 Study Programs

In the Faculty of Civil Engineering, the study programs of BSc and MSc levels are organized, while currently, doctoral programs are not offered. The classified study programs at FCE are as follows:

- Construction (BSc), and (MSc)
- Hydrotechnics (BSc), (MSc)
- Geodesy (BSc), (MSc), and
- Environmental Engineering (BSc)

The study programs in Construction, Hydrotechnic, Geodesy, and Environmental Engineering generally consist of general subjects, subjects with a professional formative character, integrative subjects, professional subjects, complementary subjects, and the Bachelor's thesis work. The Bachelor's thesis is based on the application of previous knowledge and preliminary research.

A notable aspect of the Faculty's activities for this year was the preparation of study programs for reaccreditation. In this year, the MSc program in Integrated Water Resources Management (IWRM) has been accredited, according to the decision of the Kosovo Accreditation Agency (KAA), for a period of three years. The IWRM study program belongs to the Department of Hydrotechnic and is conducted in the English language. In September, competitions were organized for the admission of new students, and all 20 available slots were filled, reaching 100% capacity. The teaching started in October 2023 without any hindrance, and in the winter semester 2023/2024, lectures were also organized by Visiting Professors from Germany, University of Cologne, and North Macedonia, University of Cyril and Methodius. This program has been highly evaluated (96%) by external experts authorized to assess study programs by the KAA.

The files of study programs along with their Course Syllabi have been prepared for reaccreditation as drafts during the period March-May 2023, and they were updated in December 2023. The academic staff, administration, and students, through working groups, were involved in drafting the Course Syllabi and creating the files, including the program coordinators. The files are for the following study programs:

MSc Construction

MSc Hydrotechnics
 BSc Construction
 BSc Hydrotechnics.

All Internal Self-Assessment Reports for all study programs were prepared by the staff and students of FCE. Meetings with external experts for the accreditation of the MSc program in Integrated Water Resources Management (IWRM) were organized on March 30, 2023. There were numerous preliminary activities in preparing the file and documentation for the accreditation of the MSc program in IWRM. Particularly noteworthy is the successful finalization of the program, especially when the IWRM study program it is conducted in the English language. The academic staff, supported by the administration and organized by the management and departments of Hydrotechnics and Environmental Engineering, achieved a high evaluation percentage of 96% for the Program Self-Assessment.

With the decision of the Kosovo Accreditation Agency no. 3020/21 dated August 12, 2021, all study programs at FIN are reaccredited according to this ranking and schedule:

- BSc Geodesy study program – 5 years (21/22 up to 25/26)
- BSc Construction study program – 3 years (21/22 up to 23/24)
- MSc Construction study program – 3 years (21/22 up to 23/24)
- BSc Hydrotechnic study program – 3 years (21/22 up to 23/24)
- MSc Hydrotechnic study program – 3 years (21/22 up to 23/24)

While with the decision of AAK no. 941/22 dated July 18, 2022, the study programs are reaccredited for a period of five years, according to;

- BSc Environmental Engineering 180 ECTS, 5 years (22/23 up to 26/27)
- MSc Geodesy, 120 ECTS, 5 years (22/23 up to 26/27)

The decision nr 1003/23 dated July 26, 2023, the study program of IWRM accredited with 120 ECTS for the 3 years (23/24 up to 25/26).

For the next 2024 will happened the reaccreditation of the BSc and MSc study programs in Construction and Hydrotechnics and during the 2023 all files and SER have been completed.

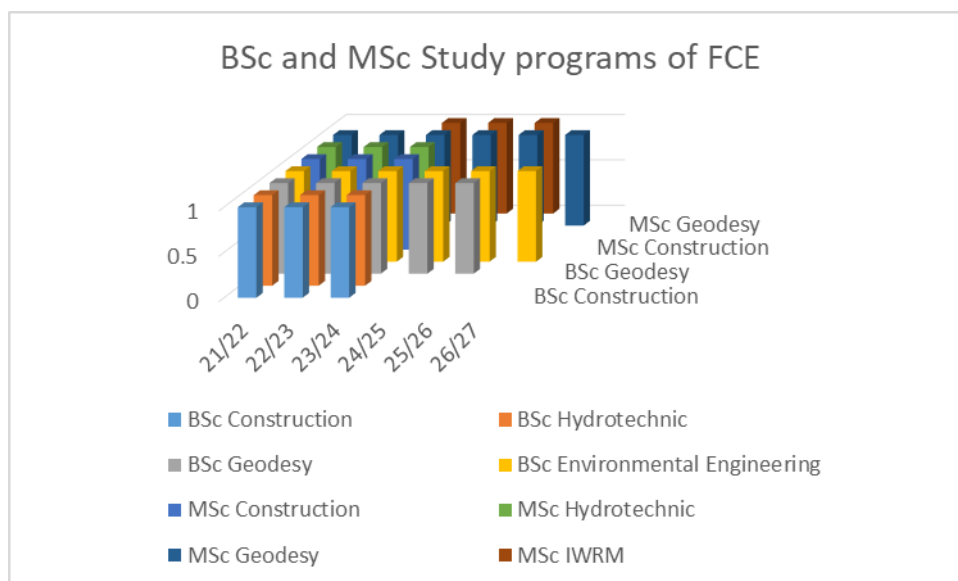


Figure 8. Study programs of FCE reaccreditation since 2021-2022

The new criteria and standards of the Kosovo Accreditation Agency, respectively, the State Council for Quality for the accreditation and reaccreditation of study programs, will be challenging for the programs organized by FCE for the upcoming period of accreditations, specifically reaccreditations. Within FCE, there are 4 BSc programs and 4 MSc study programs.

Table 5 Accredited and reaccredited study programs

Study Programs	First Accreditation	Reaccreditation	Reaccreditation III	Reaccreditation IV +2 year Covid effect	Reaccreditation V
BSc					
Construction (BSc)	2009 - 2012	2012 - 2015	2015 - 2016	2016-2019 (+2vite)	2021-2024
Hydrotechnic (BSc)	2009 - 2012	2012 - 2015	2015 - 2016	2016-2019 (+2vite)	2021-2024
Geodesy (BSc)	2009 - 2012	2012 - 2015	2015 - 2016	2016-2019 (+2vite)	2021-2026
Environmental Engineering (BSc)	2015 - 2018	2019-2022	2022-2027		
MSc					
Construction (MSc)	2009 - 2012	2012 - 2013	2014 - 2017	2017-2020	2021-2024
Hydrotechnic (MSc)	2009 - 2012	2012 - 2013	2014 - 2017	2017-2020	2021-2024
Geodesy (MSc)	2015 - 2018	2019-2022	2022 - 2027		
Road Infrastructure (MSc)	2011 - 2011	2012 - 2013	2014-2017		
IWRM	2023-2026				

1.4 Teachers, responses and given lectures

The organization of teaching constitutes the main pillar of the Faculty of Civil Engineering around which the developments of other scientific and research activities revolve to achieve the general and specific objectives of the study programs. The teaching mechanisms implemented at HEI are contemporary, involving young educators who reflect creativity during teaching, extensive professional experience of the teaching staff at the institution, and academic degrees that ensure satisfactory results in the analysis of scientific phenomena.

The teaching methods and techniques applied are diverse, including "one-way teaching" (from the educator to the student), encouraging the student to actively participate in the learning process. These teaching methodologies place the teachers in a primary role not only as a lecturer but also as a moderator.

At the beginning of the new academic year 2023/2024, on October 4, 2023, the management of FCE, in collaboration with the University of Prishtina, respectively, with the Faculty of Education, organized a one-day workshop entitled "Contemporary Teaching Methods and Continuous Assessment for Students." The Faculty's teaching staff is always prepared with contemporary teaching methodologies, offering the opportunity to participate in various permanent training organized at the university level <https://uni-pr.edu/page.aspx?id=2,78>.

It is worth mentioning that a considerable number of regular academic staff have been trained by the "Center for Excellence in Teaching" at the University of Prishtina, "Hasan Prishtina."

Additionally, during 2023, numerous training opportunities for educators and students have been published by national and international institutions <https://fin.uni-pr.edu/page.aspx?id=1,41>.

In accordance with the chosen teaching format, the organization of teaching is determined, whether it will be lectures, numerical exercises, practical field lessons, or even laboratory exercises. The academic staff is free to choose the most suitable methodology to develop and organize the teaching subject. Special importance is given to subjects that conduct practical visits to field locations and laboratory exercises, demonstrating practical examples from reality.

A characteristic of the institution is the continuous monitoring and control of teaching and teachers during the development of the study program. This monitoring is accompanied by the assessment of all instructors involved in the study program, evaluated by the students. Through teaching assessment tools, the highest quality of learning is achieved. In 2023, FCE has hired and now includes in the Human Resources; an officer for teaching (Arben Haliti) as well as an officer for Master's Student Services (Albina Husaj Vishaj), who assist in the development of the academic activities process as well as quality services for students.

Each teaching subject has its base literature according to the syllabus and the required and preferred literature that the student can find or the instructor provides beforehand.

The curricula of study programs, both at the base study and master's levels, have a content-oriented concept based on fundamental principles of program formation. This includes the formation of the general informative subject group, followed by the group of theoretical scientific subjects, and the group of content-specific subjects related to narrow professions. From these subjects, specific competencies of students emerge upon completion of their studies.

The MSc program in Integrated Water Resources Management (IWRM), accredited in July 2023 and conducted in English, incorporates a contemporary curriculum based on several study programs in European universities such as Delf University in the Netherlands, Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) Faculty of Spatial Development and Infrastructure Systems Technology Arts Sciences TH Köln, University of Applied Sciences, ETH Zurich University, etc. MIRU MSc is supported by the Swiss Office in Pristina, SKAT, with a grant of €150,000.00, including additional supportive investments for two research projects worth €110,000.00, as well as covering financial expenses for "Visiting Professor" lecturers from the Faculty of Spatial Development and Infrastructure Systems Technology Arts Sciences TH Köln, University of Applied Sciences, the University of Kiril and Methody in Skopje, North Macedonia, and in support of various workshops with relevant local and international institutions. The study program is in progress, with many activities planned for students, focusing particularly on the development of internships in European institutions.

Challenges for the study programs of FCE include the advancement of academic staff with scientific titles and academic degrees. Therefore, the year 2023 is characterized by three new additions to the academic staff - assistants, as well as the promotion of four assistants to assistant professors and the promotion of one lecturer from Associate Professor to Full

Professor. These promotions enhance teaching and create greater opportunities for the academic development of our unit.

During the year 2023, monitoring of the teaching process has been reorganized, assessing real-time involvement of teachers through evidence from reports of academic staff recorded on the SEMS platform, as well as physical lists of students in the teaching process and attendance at the Faculty. The reports on class attendance, presence at the Faculty, and the examination reports for students are presented in regular meetings of the FCE Council. These reports provide a real picture of commitments and success, assessing the quality of teaching in both quantitative and qualitative aspects. Conclusions for future actions are drawn from these reports.

In both semesters (summer and winter), teachers recorded the highest percentage of teaching hours on the SEMS platform, totaling 9486 teaching hours, while a small percentage of reports indicate the recording of classes with physical lists (justified by recorded reports as a lack of electrical energy, malfunctioning of recorders, or practical field activities).

The majority of teachers use the Google Classroom platform for communication with students, distributing necessary materials for the subjects, providing information on continuous assessment achievements, and sharing other necessary and essential information for students.

1.5 Continuous assessment, exams, and seminar works

The Faculty of Civil Engineering has the primary role of teaching and education, where the student is at the center of attention throughout. The improvement of teaching is achieved through research work conducted by the academic staff of the faculty. The engagement of academic staff in research areas is present not only domestically but also internationally, contributing scientifically to conferences with scientific papers published in prestigious journals worldwide in the field.

In 2023, the student exams were organized within the regular sessions of January, June, and September. Considering the decision of the Senate regarding the organization of additional exam sessions, an April session was also scheduled for the students.

Analyses of student achievement results in the April session show low values, and during this period of exam organization, student attendance in classes had a significant decline, posing a substantial risk of academic year loss for many. The evidence of students' low performance in exams throughout the year is reflected in indicators such as the following table:

Kalueshmëria e studentëve

Viti akademik	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	Total
Niveli	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)
Master	1,190 40.08 %	2,299 39.41 %	2,447 43.60 %	2,166 43.44 %	1,959 48.19 %	1,710 44.44 %	1,594 40.97 %	1,752 45.72 %	1,825 38.41 %	17,621 43.05 %
FN	1,190 40.08 %	2,299 39.41 %	2,447 43.60 %	2,166 43.44 %	1,959 48.19 %	1,710 44.44 %	1,594 40.97 %	1,752 45.72 %	1,825 38.41 %	17,621 43.05 %
Bachelor	10,995 41.70 %	17,412 34.82 %	19,342 33.19 %	18,254 32.90 %	16,106 36.74 %	14,619 34.13 %	12,338 30.65 %	10,774 36.02 %	9,381 33.46 %	143,954 35.41 %
FN	10,995 41.70 %	17,412 34.82 %	19,342 33.19 %	18,254 32.90 %	16,106 36.74 %	14,619 34.13 %	12,338 30.65 %	10,774 36.02 %	9,381 33.46 %	143,954 35.41 %
Total	12,185 41.54 %	19,711 35.35 %	21,789 34.36 %	20,420 34.02 %	18,065 37.98 %	16,329 35.21 %	13,932 31.83 %	12,526 37.38 %	11,206 34.27 %	161,575 36.24 %

Figure 9. Overview of the student's achievement results in exams by year.

As a reason for the low percentage of student achievement in exams – study programs, synthesized analyses have been conducted for findings, emphasizing the reform of teaching processes as well as continuous assessments of students.

The workshop organized at the beginning of the academic year 2023 by FCE, contemporary teaching, and continuous assessment aimed at reforming teaching, organizing exams, continuous assessment of students with the main goal of maintaining quality through increased work and commitment of the academic staff, organizing colloquia, semester testing, assessments of semester work, assessments of student attendance, and other measurable activities for student work during the semester. The workshop aimed to involve all academic staff in the teaching process in HEI programs, including regular academic staff, invited professors, and external academic staff. Participation in the workshop was high.



Photo 2: Workshop “Contemporary teaching and continuous assessment”

Based on measurements conducted with students by responsible individuals, the majority of lecturers in the academic subjects are implementing continuous assessment, while measurements of students' achievements will be conducted in the upcoming exam sessions. As a result of organized work with the academic staff for continuous assessment, the extra November 2023 exam session is scheduled within one day to avoid disrupting the teaching process and to evaluate students' achievements in fulfilling assignments from the courses.

From the reports of students' results obtained in exams, synthesized analyses are conducted for regular pass rates as an element of quality. The analysis of pass rate reports is examined at the level of the Faculty Council.

Throughout the semester, engineering semester work are worked on in engineering courses, which are evaluated by instructors and assistants. The values achieved from students' semester work are assessed in the final exam. In many of the courses, colloquiums are organized (two or three, depending on the subject and the methodology of the instructor) during the semester.

A special aspect of the year 2023 is considered the involvement of students in the activities and engagements of HEI with national institutions. It is worth mentioning the involvement of students in assessments and analyses for the National Theater, the bridge in Rogova – Gjakova, WRC Prishtina, Al Trade, etc.

1.6 Diplomas

The number of graduates according to the statistics of SEMS (Student Electronic Management System) for the Faculty of Civil Engineering, divided by departments, specifically for study programs during the period from January 1 to December 31, 2023, is:

Table 6: number of graduate's students in the BSc study programs for 2023

no	BSc Study Programs	Graduated number
1	Construction	43
2	Hydrotechnic	18
3	Geodesy	21
4	Environmental Engineering	15
	Total	97

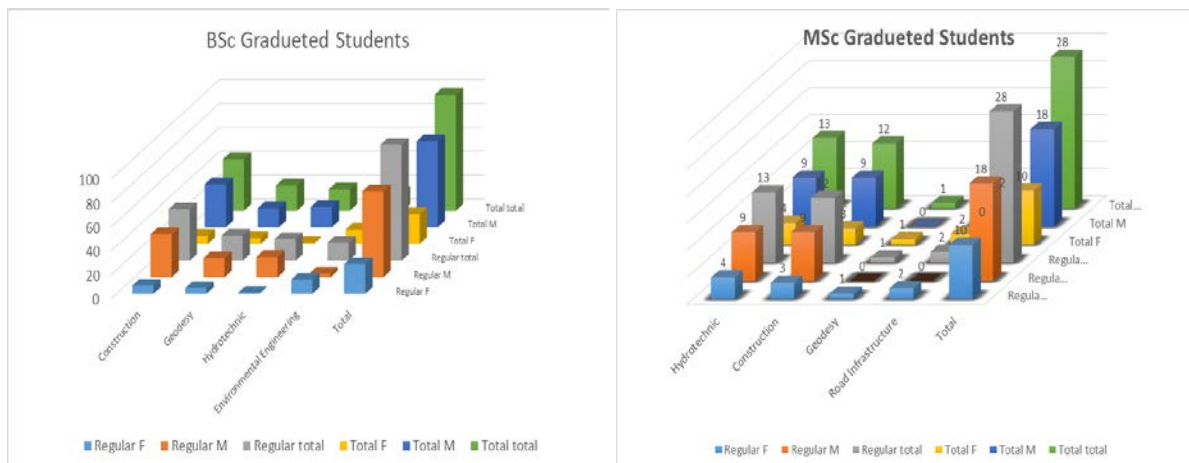


Figure 10: graduated Students on the BSc and MSc study programs on FCE for 2023.

Table 7: number of graduated students in the MSc study programs for 2023

no	MSc Study Programs	Graduated number
1	Construction	12
2	Hydrotechnic	13
3	Geodesy	2
4	Road Infrastructure	2
5	IWRM	0
	Total	35

The procedures for organizing diplomas at the BSc and MSc levels are in accordance with the relevant regulations of the studies.

According to the study programs and past years, the following table shows the number of students graduated during the five-year period (January 1, 2019, to December 31, 2023)

Table 8: graduated students' number in the BSc study programs since 2019 up to 2023.

Study Programs	2023 – January - December			2022 – January - December			2021 – January - December			2020 - January - December			2019 January - December			Total				
	F	M	sum	F	M	sum	F	M	sum	F	M	sum	F	M	sum	F	M	sum	F	
Construction	7	36	43	10	36	46	14	54	68	12	47	59	14	58	72	57	231	288		
Geodesy	5	16	21	5	32	37	7	27	34	10	24	34	20	43	63	47	142	189		
Hydrotechnic	1	17	18	11	17	28	7	17	24	5	9	14	13	19	32	37	79	116		
Environmental Engineering	1	2	3	15	5	20	15	5	20	10	1	11	6	1	7	58	15	73		
Total	25	72	97	41	90	131	43	103	146	37	81	118	53	121	174	199	467	666		

Graduated Students number in the BSc study programs for the 5 year in the past

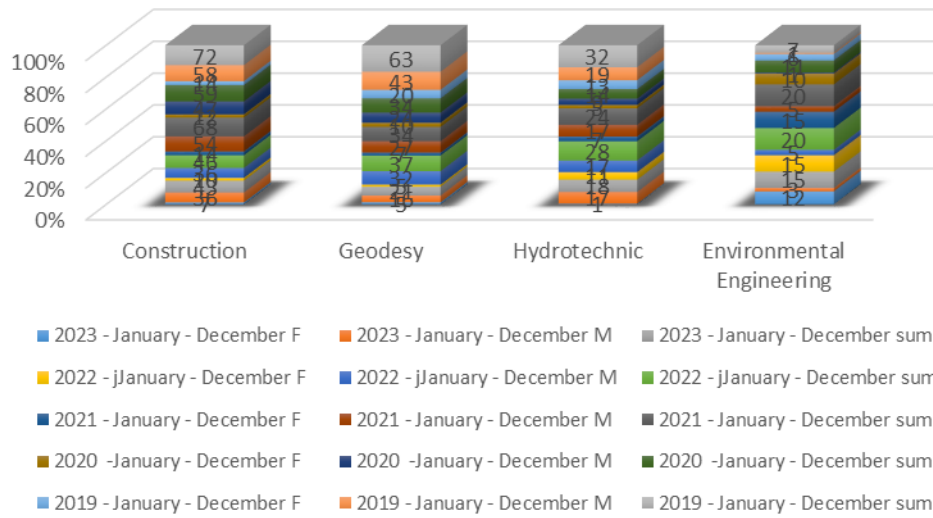


Figure 11. Graduated Students number in the BSc since 2019 up to 2023

While in the Master's study programs, in the last 5 years, the number of graduated students is as shown in the following table

Table 9: graduated students' number in the MSc study programs since 2019 up to 2023.

Study Programs	2023 – January - December			2022 – January - December			2021 – January - December			2020 – January - December			2019 January - December			Total		
	F	M	su m	F	M	su m	F	M	su m	F	M	su m	F	M	su m	F	M	sum
Construction	4	9	13	7	12	19	2	12	14	1	18	19	4	9	13	18	60	78
Geodesy	3	9	12	2	9	11	5	3	8	4	3	7	1	2	3	15	26	41
Hydrotechnic	1	1	2	0	1	1	1	4	5	1	1	2	0	1	1	1	8	11
Road Infrastructure	2	0	2	0	1	1	0	0	0	0	3	3	0	1	1	2	5	7
Total	10	18	29	9	23	32	8	19	27	6	25	31	5	13	18	38	99	137

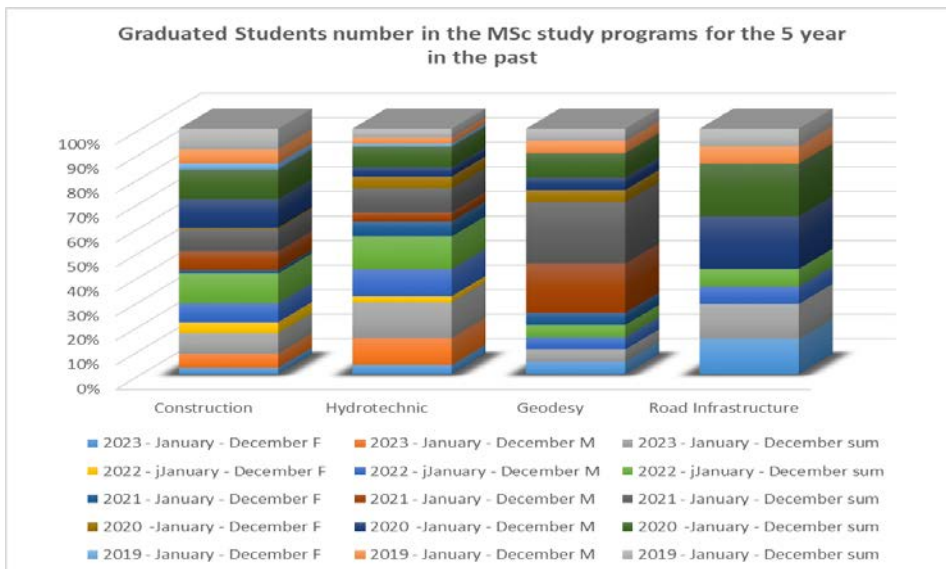


Figure 12. Graduated Students number in the MSc since 2019 up to 2023

The number of students who have dropped out of studies from the study programs at the Faculty of Civil Engineering for the year 2023, based on the records, is 17 (15 from BSc and 2 from MSc)

1.7 Student assessment results

According to the statistics of the exams organized in the regular sessions of January, June, and September 2023, after analyzing and discussing the achieved assessment values in the Faculty Council meetings, the results are presented in a synthesized tabular and graphical manner.

Table 10: Statistics of results achievement in exams for BSc students in the January 2023 exam season

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	586	98	274	56.15	214	43.85
2	Hydrotechnic	116	41	37	56.92	28	43.08
3	Geodesy	399	106	103	35.15	190	64.85
4	Environmental Eng	133	23	80	75.45	27	24.55
	Total	1234	268	494	55.92	459	44.08

Table 11: Statistics of results achievement in exams for MSc students in the January 2023 exam season

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	89	29	40	68.33	19	31.67
2	Hydrotechnic	70	11	25	42.37	34	57.63
3	Geodesy	38	6	19	62.5	12	37.5
	Total	197	46	84	57.73	65	42.27



Figure 13. Students achievement in exam in BSc and MSc for the regular session of January 2023.

At the Faculty level, the pass rate of students in the January 2023 season is 56.69%. A total of 1431 students participated in the exams, with 314 (21.95%) being abstentions.

Table 12: Statistics of results achievement in exams for BSc students in the June 2023 exam season.

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	514	72	220	50.90	217	49.10
2	Hydrotechnic	99	37	49	80.65	12	19.35
3	Geodesy	388	208	114	63.33	66	36.67
4	Environmental Eng	167	47	104	90.00	12	10.00
	Total	1168	364	487	71.22	307	28.78

Table 13: Statistics of results achievement in exams for MSc students in the June 2023 exam season

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	64	16	39	81.25	9	18.75

2	Hydrotechnic	45	22	23	100.0	0	0.00
3	Geodesy	107	81	21	80.77	5	19.23
	Total	216	119	83	87.34	14	12.66

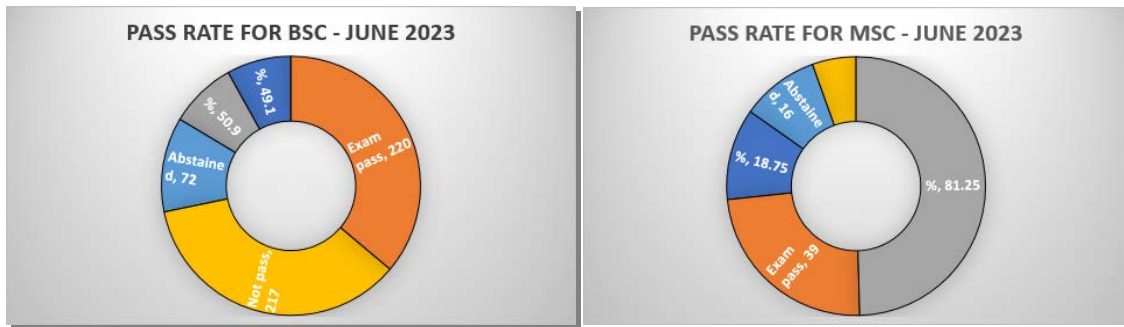


Figure 14. Students achievement in exam in BSc and MSc for the regular session of June 2023

At the Faculty level, the pass rate of students in the June 2023 season is 78.13%. A total of 1384 students participated in the exams, with 483 (34.90%) being abstentions.

Table 14: Statistics of results achievement in exams for BSc students in the September 2023 exam season

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	487	154	161	48.95	170	51.05
2	Hydrotechnic	39	16	13	56.52	10	43.48
3	Geodesy	369	83	93	32.52	193	67.48
4	Environmental Eng	65	22	30	72.09	12	27.91
	Total	960	275	297	52.52	385	47.48

Table 15: Statistics of results achievement in exams for MSc students in the September 2023 exam season

no	Department	Exam announcement	Abstained	Exam pass	%	Not pass	%
1	Construction	62	21	35	87.80	5	12.20
2	Hydrotechnic	48	32	6	37.50	10	62.50
3	Geodesy	84	53	28	93.55	2	6.45
	Total	194	106	69	72.95	17	27.05

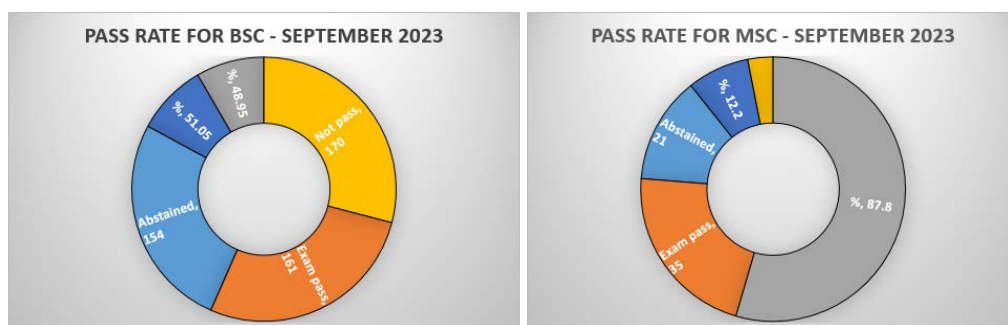


Figure 15. Students achievement in exam in BSc and MSc for the regular session of September 2023

At the Faculty level, the pass rate of students in the September 2023 season is 61.28%. A total of 1154 students participated in the exams, with 381 (33.02%) being abstentions

Similarly, the summaries of achievements in the regular exam sessions at the Faculty level are synthesized. These values are discussed at the Faculty Council level.

2. SCIENTIFIC RESEARCH

The academic staff of FCE contributes valuable services to the Faculty according to the requirements, and some of these tasks can be enumerated, such as: The Report of the Evaluation of study programs, drafting various reports and analyses for the needs of the Faculty, etc. Therefore, the management of FCE, together with the academic staff and administration, are engaged not only in the teaching process but also in improving the performance of teaching, research, and other necessary services for the institution.

Awarded scientific research for 2023;

1. **“Monitoring of water quality and the monitoring of well water in the western part of the Municipality of Lipjan”** this Project has been started on 06.03.2023 were it has to be monitored the water quality and quantity on the wells for one year, up to 06.03.2024

The main purpose of this research project is to have real-time data on the quality and quantity of water through the sensors installed in 7 wells, as well as determining water protection zones (first zone, second zone, third zone), zones that will be identified through mathematical modeling and then using Madflow software. This research anticipates the publication of two scientific papers and participation in a conference, as well as two topics at the MSc level.

In this research project, all the institutions involved are: The Ministry of Environment and Spatial Planning, WRC "Prishtina," the Municipality of Lipjan, as well as the students. After completion by March 6, 2024, the sensors will be relocated to another groundwater recharge zone, in collaboration with all the mentioned stakeholders.

2. **"Monitoring of Meteorological Parameters in the nine regions of Kosovo"** this research project started on August 22, 2023, and is ongoing. So far, all the sensors (nine in total) have been installed in the seven Regional Companies, and one in the Municipalities of Lipjan and Vushtrri.

The main objective of this research project is to gather sufficient data regarding basic meteorological parameters such as precipitation, temperature, wind, air quality, evapotranspiration, radiation, etc. It's worth mentioning that a platform has been developed where data is recorded every minute and stored in our faculty's domain. This research anticipates the publication of three scientific papers and participation in a conference, as well as four Master's level topics. All relevant institutions are involved in this research project, including the Ministry of Environment and Spatial Planning, seven Regional Companies, and students.

3. **“Assessment and Seismic Retrofitting of Residential Structures in the Ulpiana Area of Prishtina”**. Funded by the University of Prishtina.

The project aims to assess and enhance the sustainability and stability of structures against natural hazards, particularly earthquakes. The strengthening of structures is based on the application of building engineering codes, ensuring the implementation of relevant methodologies and standards. Additionally, the project aims to increase the level of research in Civil Engineering, focusing on improving engineering practices and developing knowledge for earthquake protection. Key points of the project improve the sustainability of structures, seismic safety, and engineering practices. Its

impact on existing constructions has the potential to positively affect the lives and safety of residents. Through the implementation of advanced methods and the latest codes, the project aims to use acquired knowledge to raise the standards of civil engineering and mobilize resources for building improvement. The project's results are expected to make a significant contribution to the field of Civil Engineering by addressing seismic safety challenges. Through presentations at international conferences and scientific publications, the project aims to share knowledge with the scientific community and industry professionals. The project looks beyond national borders and aims to contribute to global discussions on protecting and improving existing structures against earthquake risks, becoming an essential requirement for sustainable and safe development of building infrastructure in modern times.

2.1 Published scientific articles, monography and other scientific publications

As a significant need for scientific work, the academic staff of the Faculty of Civil Engineering at the University of Prishtina, in collaboration with the Faculty of Civil Engineering at the Polytechnic University of Tirana, aims to organize the International Student Conference on Construction Engineering (ISCCE) 2024. The conference is scheduled to take place in Prishtina from April 25 to 27, 2023 <https://www.iscce.uni-pr.ed>

Since November 2023, several meetings have been held between the managements of both IALs with the aim of establishing the necessary bodies for the conference. The following have been established: the international advisory committee of ISCCE 2024, the organizational committee of ISCCE 2024, the scientific committee of the conference, and the numbers of keynote speakers have been determined.

The conference is a continuation of the first student conference organized in Tirana by the Faculty of Civil Engineering - Tirana and the Faculty of Civil Engineering - Prishtina. It has been conceived to evolve into a significant event, both scientifically and culturally.

The various sessions of the conference will focus on topics of interest that have a significant impact in the field of civil engineering. These topics include structural engineering, traffic and transportation engineering, construction management and technology, geotechnical engineering, earthquake engineering, hydraulic engineering, hydrology, flood and water management, hydraulic and maritime structural engineering, environmental engineering, water and waste treatment, energy efficiency and renewable energies, geodetic engineering, cartography, photogrammetry, as well as the preservation of historical and monumental constructions.

The latest technical meeting between the two HEI was organized on December 19 and 20, 2023. During this meeting, organizational matters related to the ISCCE 2024 were discussed extensively. Topics such as the deadline for abstract and full paper submissions, conference publications, marketing strategies, financial support, special sessions, etc., were deliberated upon and decisions were made. Important issues for the successful progress of the conference will be addressed in upcoming meetings.



Photo 2. The working groups of ISCCE 2024 organizing conference, FCE-Tirana and Pristina.

The academic staff of the FCE It is highly sensitive to assuming responsibility for the conference.

Based on the statements of the academic staff of the Faculty of Engineering, there are several scientific works prepared within the year 2023, among which are listed in the table below.

Table 16. The scientific publication in 2023 of academic staff of FCE.

No	Author/s	Title of the paper	Journal / Place	Period
1	BERISHA ARBAN	“Solar and Human Activity Impact on High and Low Land River Flows”	CEJ Teheran Vol 9 Nr 7	2023
2	Shkumbin Makolli	A note regarding some fuzzy SSPO mappings /	Konferenca Shkencore: VII Macedonian Mathematical Congress	2023
3	Naser Kabashi, Milot Muhaxheri, Enes Krasniqi, Florentinë Latifi, Ylli Murati	Finite element modelling of retrofitting beam-column joint with FRP https://www.icce2023.al/wp-content/uploads/2023/05/Programme_ICCE2023.pdf	ICCE2023 Tirane, Albania	2023
4	Naser Kabashi, Enes Krasniqi, Milot Muhaxheri, Florentinë Latifi, Ylli Murati	SEISMIC BEHAVIOUR OF BEAM-COLUMN JOINT IN R/C FRAMES AND STRENGTHENING WITH FRP https://crocee.grad.hr/event/2/	2CRoCEE, Zagreb , Croatia	2023
5	Valon Veseli, Jelena Ristic, Labeat Misini, Danilo Ristic	SEISMIC PROTECTION OF MASONRY AND INFILLED FRAME BUILDINGS USING UPGRADED SLIDING ISOLATION SYSTEM WITH SF DEVICES https://crocee.grad.hr/event/2/	2CRoCEE, Zagreb , Croatia	2023
6	Valon Veseli Venera Hajdari,	MODELING AND ANALYSIS OF MASONRY STRUCTURES , http://www.icasem.ibu.edu.mk/publications/ COMBINED PROTECTION OF BRIDGES EXPOSED TO EARTHQUAKE AND FLOOD DISASTERS WITH NEW RB-UPGRADED ISOLATION SYSTEM	2CRoCEE, Zagreb , Croatia	2023
7	Anita Gjukaj, Petar Cvetanoski Ferit Gashi	https://crocee.grad.hr/event/2/ THE EFFECT OF COLUMN WEB STIFFENERS ON MOMENT RESISTANCE AND DUCTILITY OF EXTENDED END-PLATE BOLTED CONNECTION	2CRoCEE, Zagreb , Croatia	2023
8	Anita Gjukaj Fidan Salihu, Ali Muriqi, Petar Cvetanoski	Numerical Behavior of Extended Ebd-Plate Bolted Connection under Monotonic Loading http://dx.doi.org/10.28991/HIJ-2023-04-02-04	HighTech and Innovation Journal	2023
9	Anita Gjukaj Petar Cvetanoski, Ana Trombeva Gavriloska	NUMERICAL ANALYSIS OF EXTENDED END-PLATE BOLTED CONNECTION http://mase.gf.ukim.edu.mk/symposium	20th International Symposium of MASE	2023

10	F. Ahmedi, P. Thaqi, K. Tosuni	Performance of limestone as a multi-media filter for manganese removal from groundwater https://doi.org/10.12911/22998993/163251	Journal of Ecological Engineering	2023
11	F. Ahmedi, Sh. Makolli	Correlation of water quality parameters in Sitnica river in Kosovo over wireless sensors generated dataset	Journal of Water and Land Development	2023
12	A. Rapuca & N. Kopliku	Assessing the UAVs technology for the documentation and preservation of cultural heritage buildings	ICCE2023 Tirane, Albania	2023
13	K. Pavelka, jr, P. Kuzmanov, K. Pavelka & A. Rapuca	DIFFERENT DATA JOINING AS A BASIC MODEL FOR HBIM –A CASE PROJECT ST. PATALEIMON IN SKOPJE	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLVIII-5/W2-2023, Almaty, Kazakhstan	2023
14	D. Sanchez V. Krasniqi A. Rapuca	AGRO-TOURISM IMPACT ANALYSIS OF CLIMATE CHANGE USING GOOGLE EARTH ENGINE IN THE RAHOVEC WINE REGION OF KOSOVO	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLVIII-4/W7-2023, FOSS4G, Prizren, Kosovo	2023
15	J. Šušteršič, R. Ercegovič, S. Drolc, N. Kabashi	Polypropylene Fiber Reinforced – Latex Modified Mortar for installation on granite paving blocks on various road sections	17 th International Congress on Polymers in Concrete ICPIC 2023; Warsaw, Poland https://icpic23.org/wp-content/uploads/2023/09/program_icpic_2023.pdf	2023
16	Kabashi N. Krasniqi E. Berisha V. Hoti D	Influence of stone dust as replaced material of fine aggregate in concrete properties https://cibv.unitbv.ro/images/CIBv2023/Program/02_Program_r5.pdf	CIBv2023 International Scientific Conference Civil Engineering and Building Services, Braşov,	2023
17	N.Kabashi; E.Krasniqi; M.Muhaxheri	Properties of stone dust and partially replaced of cement in cementitious mortar for repairing https://www.irma.si/irma_slo/news.htm	30 th Slovenian Colloquium on Concrete -ISBN 978-961-93671-9-3 Ljubljana	2023
18	Bajrami Lubishtani, Fitore, Idrizi, Bashkim and Lubishtani, Milot	Determination of the height reference surface for the Republic of Albania by using global geopotential models	<i>Journal of Applied Geodesy</i> , 2023. https://doi.org/10.1515/jag-2022-0061	2023
19	Bajrami Lubishtani, Fitore, Lubishtani, Milot and Idrizi, Bashkim	COMPUTATION OF THE HEIGHT REFERENCE SURFACE FOR THE TERRITORY OF THE REPUBLIC OF ALBANIA	INTERNATIONAL JOURNAL OF GEOMATE Volume 25, Issue 109 Page 205-212	2023

2.2 Scientific Report of the research projects

Erasmus + Projects of the FCE

Based on the adopted strategy of the Faculty of Civil Engineering for the period 2021-2023, as well as the FCE Strategy of development for 2024-2028, the vision of the academic unit is, among other things, based on Globalization and Internationalization: "*The Internationalization of the Faculty through participation in international projects, mutual collaboration with relevant institutions in research projects, scientific publications in credible journals, and participation in international congresses and conferences.*" In fulfillment of the Faculty's vision and the Development Strategy, the academic staff, supported by the administration, organize meetings, visits, and various events at national and international levels.

During this year, the HEI has consistently been involved in international projects won through Erasmus+. Examples of these projects include:

- Erasmus + (Key action1) with Trento University, Italy

- Erasmus + (Key action1) with Technology Arts Sciences TH Cologne, Germany.
- Erasmus + with University of Poznan, Poland.
- Erasmus + Mobility for learners and staff, BOKU University Wien.

As a result of international projects at the Faculty of Engineering, workshops have been organized within our institution, abroad, work-related visits, training for administrative staff, as well as mobility opportunities for both students and academic staff.

The Memorandum of Understanding with Trento University in Italy has won in 2023, signed on October 17, 2023, were contains:

1. Five students exchange from the FCE in the Trento University, with stay of one semester.
2. Staff exchange of four academic teachers for the duration of 5 working days.
3. One administrative exchange of FCE for the 5 working days.

Memorandum of Understanding with BOKU University was won in 2023 and concludes in June 2024, outlining:

1. exchange for Academic Staff, for 60 working days. Out of these days, 15 academic staff members, including Prof. Asst. Dr. Lavdim Osmanaj, MSc. Premton Thaqi, and MSc. Hana Shehu, stayed at HEI from June 18, 2023, to June 24, 2023. The remaining days of mobility will be utilized in the year 2024.

2.3 The Conferences participations and the papers presented

The International Conference in Zagreb, Croatia march 22-24, 2023, “**The second Croatian Conference on Earthquake Engineering (2CroCEE)**”, planned on the third anniversary of the 2020 Zagreb earthquake, aims to enforce a continuous and decisive "**playing with earthquakes**" in a small and vulnerable country like Croatia. With this conference, we want to establish a new tradition where earthquakes are not forgotten (even if they do not occur very often) and where knowledge is passed on to new generations. In hope of bringing us together again, we invite you to share knowledge, expertise, ideas and experiences that are crucial for the reconstruction process of the earthquake-struck areas, which is a hot topic in Croatia.” In the conference participate the Dean of the FCE and the academic staff of, Prof.Dr. Naser Kabashi, MSc Valon Veseli, MSc Labeat Misini, MSc Anita Gjukaj, MSc Venera Hajdari conducted their scientific papers.

There are three invitations from the Academy of Sciences of Albania for participation in symposiums from the Faculty of Civil Engineering.

- The first symposium, organized on December 19, 2022, with the topics of "*Eurocodes and the Structural Safety of Construction Works*," featured two presentations from the Faculty of Civil Engineering. The titles of the presentations were "*Development and Codification of the Earthquake Resistant Design for the territory of Kosovo*" presented by Prof.Asst.Dr. Florim Grajçevci, and "*Building Materials Used in Construction and Testing According to the EN*," presented by Prof. Dr. Naser Kabashi.
- The second symposium, organized on June 21, 2023, with the theme "Water Resources - An Inclusive Platform for the Water Sector," featured the presentation of

the paper "Integrated Water Resources Management in Kosovo," presented by Prof. Asst. Dr. Florim Grajçevci.

- The third symposium, in which the Faculty of Civil Engineering (FIN) was also involved as part of the organizing team, took place on December 15, 2023. The theme was "Design Codes of Dams and their Seismic Safety." The paper presented was titled "Assessment of the Current Situation of the Material Properties Stability and Dams Sustainability – Study Case of the Mirusha Dam, Malisheve, Kosovo," presented by Prof. Asst. Dr. Florim Grajçevci.

The International Conference of the Macedonian Association of Structural Engineers (MASE) hosted the 20th MASE International Symposium on Resilient Structures in Skopje from 28-29 September 2023” were participating part of academic staff from FCE-UP.

Prof. Asst. Dr. Milot Muhaxheri, during the period from April to July 2023, was the recipient of a grant from HERAS+, supported by the Austrian Development Cooperation, for conducting a post-doctoral visit at TU Wien in the Institute of Building Materials and Building Technology. This visit was supervised by Prof. Agathe Robisson, where experimental work on the development of cements using waste from the dust of clay products was carried out.

3. THE DIFERENT ACTIVITY OF THE FACULTY OF CIVIL ENGINEERING

The inventory of classrooms with concretization equipment, such as "Smart board" TVs, teaching boards, etc., is characteristic of this reporting period. Each classroom is equipped with a video projector, while the classrooms on the first floor (platform 500) and Amphitheater 415 are furnished with smart board TVs.

As a result of the agreement between SKAT and UP, specifically FCE, the Laboratory of Hydrotechnics and Environmental Engineering has been enriched with equipment. Additionally, the first part of the equipment delivery for the Structures Laboratory has been completed, and the tendering procedures have been developed. A contract has been signed, which will be fulfilled in the year 2023.

During the summer semester, numerous study visits have been organized with students by the instructors to various sites and locations within Kosovo, mainly focusing on visits to Albania.

The faculty expresses gratitude to distinguished students each academic year. This year, 22 students have been announced as the best according to criteria such as having the highest average grade (above 9) across all study programs. The achievements of these students, along with their grades, have been published on the electronic page of the Faculty.

Regularly, the management of the Faculty of Civil Engineering organizes meetings with students, as well as with the student council of the Faculty, to identify priorities, needs, and their requests.

The Faculty Administration is fully committed to daily tasks and, when necessary, additional tasks based on the needs of the faculty. Numerous events were organized within the year 2023, including Open Lectures, the ICCE conference, the World Water Day event, social and cultural meetings in Tirana and Prishtina.

3.1 The academic staff of the Faculty of Civil Engineering

The regular Academic Staff is actively engaged in advancing scientific degrees and academic titles. Our academic unit also explores the job market to create new opportunities for professional development. Currently, there are considerations for the creation of new study.

Considering the movements of the academic staff, promotions, retirements, and the opportunities for new projects and study programs, the Faculty is obliged to continuously reorganize itself. This is done to achieve the highest quality of studies while simultaneously planning for future projects.

From January to June 2023, the number of academic staff with regular contracts is 34, out of which 17 are lecturers and 17 are assistants.

Regarding the advancing of the academic staff at the Faculty, a regular vocation has been conducted at the University level. Through this vocation/competition, four lecturers have been promoted from assistant to assistant professor, one lecturer from Associate Professor to Professor, and three regular assistants. This vocation also included the reappointment of academic staff with renewals in the same positions.

After the development of the vocation for the appointment, reappointment, and advancing of academic staff in 2023 within the Faculty of Civil Engineering, the following promotions from assistant to assistant professor have been achieved:

Table 17, The FCE academic staff advancement from assistant to Prof.asst.

No	Name and Surname	Previous academic title	Advanced academic title
1.	Arban Berisha	Regular assistant	Professor assistant Dr.
2.	Fitore Bajrami	Regular assistant	Professor assistant Dr
3.	Fidan Salihu	Regular assistant	Professor assistant Dr
4.	Besim Ajvazi	Regular assistant	Professor assistant Dr

From Prof.associated in to the regular Professor advancement:

Table 18, advancement from Prof.asoc in to the Professor.Dr.

No	Name and Surname	Previous academic title	Advanced academic title
1.	Figene Ahmedi	Prof.asoc.Dr.	Professor Dr.

For the first time, regular assistant:

Table 19, new recruiting of the academic staff in position of regular assistant at FCE:

No	Name and Surname	Academic title
1.	Vlerë Krasniqi	Regular assistant
2.	Almedina Rapuca	Regular assistant
3.	Ilir Cani	Regular assistant

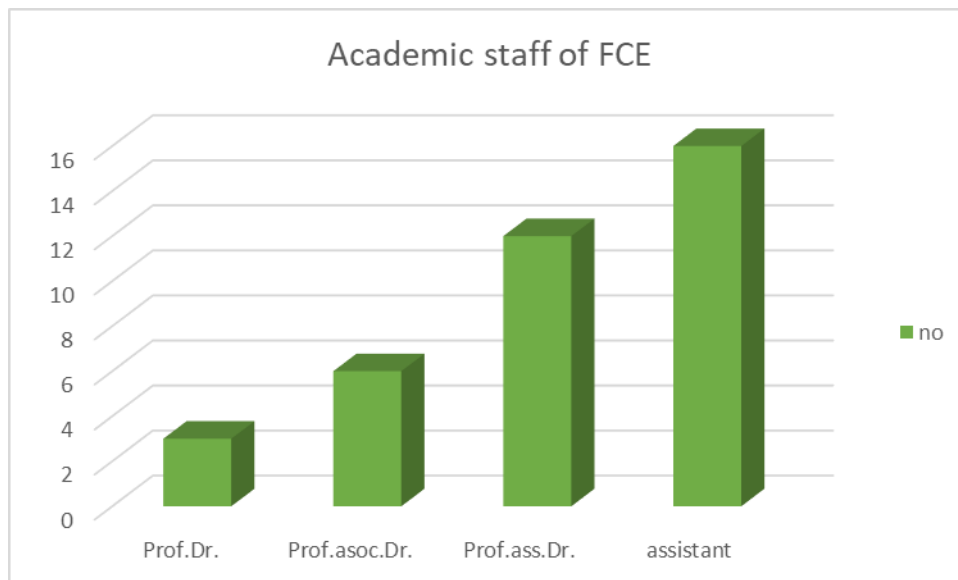


Figure 16. Currently Regular academic staff of FCE - 2023

The total regular academic staff of FCE for the 2023, recruited for the academic year 2023/2024 has 37.

The academic staff engaged in the Faculty of Civil Engineering for the academic year 2023/2024, according to the conducted competition and completed procedures by the Faculty Council, are as follows according to these statistics:

Table 20, Engaged staff elected from the vocation in summer 2023 for the academic year 2023/2024 of FCE.

No	Name and Surname	Academic title
1.	Ardian Kadiri	Assistant recruited
2.	Armend Mujaj	Assistant recruited
3.	Festina Sadiku	Assistant recruited
4.	Fisnik Loshi	Assistant recruited
5.	Liron Morina	Assistant recruited
6.	Milaim Sylka	Assistant recruited
7.	Valon Azizi	Assistant recruited
8.	Ylli Murati	Assistant recruited
9.	Ardita Ibishi	Lecture
10.	Ilir Rodiqi	Teaching staff
11.	Islam Fejza	Teaching staff
12.	Ismajl Kabashi	Teaching staff

Table 21, Engaged the retired academic staff of FCE for the 2023/2024 academic year.

No	Name and Surname	Academic title
1.	Fevzi Berisha	Teaching staff
2.	Abdullah Zejnullahu	Teaching staff
3.	Misin Misini	Teaching staff

Table 22, Engaged academic staff from another academic units of UP for the academic year of 2023/2024.

No	Name and Surname	Academic title	The Academic Unit of UP
1.	Arta Basha Jakupi	Teaching staff	FA
2.	Violeta Nushi	Teaching staff	FA
3.	Mimoza Dugolli	Teaching staff	FA
4.	Dukagjin Hasimja	Teaching staff	FA
5.	Dashnor Kadiri	Assistant	FA
6.	Rrona Berisha	Assistant	FA

7.	Kaltrina Spahiu	Assistant	FA
8.	Bekim Gashi	Teaching staff	FNMS
9.	Bukurije Hoxha	Assistant	FME
10.	Rexhep Selimaj	Teaching staff	FME
11.	Jeton Halili	Teaching staff	FNMS
12.	Halil Ibrahimimi	Teaching staff	FNMS
13.	Idriz Vehapi	Teaching staff	FNMS
14.	Naim Jerliu	Teaching staff	FM
15.	Sefer Avdijaj	Teaching staff	FNMS
16.	Zeqë Tolaj	Assistant	FNMS

Table 23, Engaged Visiting Professors for academic year of 2023/2024 at FCE.

No	Name and Surname	Academic title	HEI
1.	Neritan Shkodrani	Teaching staff	FCE - PTU, Albania
2.	Oltion Marko	Teaching staff	FCE - PTU, Albania
3.	Lars Ribe	Teaching staff	FA – Cologne, Germany
4.	Sudeh Dejnavi	Teaching staff	FA – Cologne, Germany
5.	Xhesika Hoxha	Research Scientific	FA – Cologne, Germany
6.	Vlado Spiridonov	Teaching staff	K&M, Skopje, RNM
7.	Cvetanka Popovska	Teaching staff	K&M, Skopje, RNM
8.	Mimoza Hyseni Spahiu	Teaching staff	UP, Haxhi Zeka, Pejë

The total number of academic staff engaged in the teaching process at the Faculty of Civil Engineering for the academic year 2023/2024 is 76. As a result of comparing the ratio of the number of students to one lecturer, it is $1159/76 = 15.26$ students per lecturer.

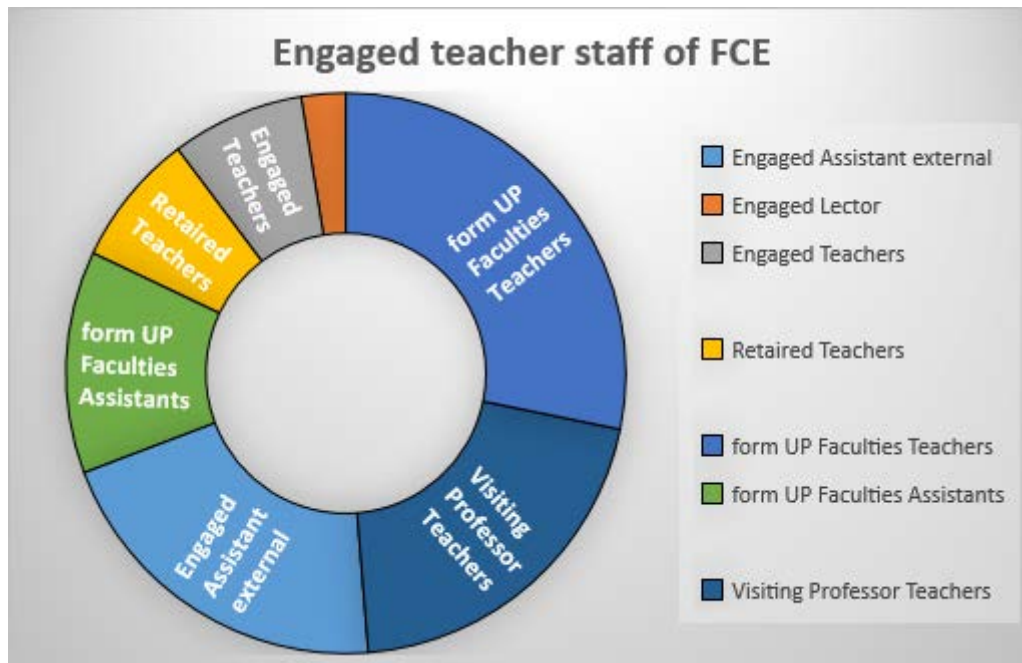


Figure 17. The academic staff engaged as a regular, irregular, from different units of UP, and Visiting Professors for the 2023/2024

The academic staff recruited with contracts of one year (F3), according to the vocation, for the academic year 2023/2024, are 12 lecturers.

3.2 Social Activity at FCE

Numerous academic activities have been conducted within the institution throughout the calendar year with the aim of increasing collegial collaborations, enhancing the quality of teaching, and fostering closer relationships with students. These activities have varied in nature and occurred throughout the year.

Since May 2023, "Open Days" have been organized by the Faculty of Civil Engineering, involving academic staff supported by the administrative staff. These events included visits to high schools in Kosovo with the aim of raising awareness about the faculty, its study programs, and its scientific and research activities. For the organization of the "Open Days," several working groups were formed, consisting of academic staff who visited various high schools in Kosovo. During the visits, brochures containing summarized information about the faculty were distributed. This campaign, organized by the management, academic staff, and supported by the administration, is considered a social event characterized by significant unity. It has sensitized the youth of the country and ensured an influx of new students.

With the aim of enhancing collaboration between HEI and the Faculty of Civil Engineering at the Polytechnic University of Tirana, a joint working meeting was organized in Tirana from October 6 to 9. The meetings took place at the Faculty's premises and were productive, laying the groundwork for continued collaboration in various areas.

Throughout the year, several internal management meetings have been organized with various working groups of academic staff, addressing important topics and current issues for the institution. Additionally, meetings with the Faculty's administration have been conducted

With the aim of concluding the calendar year, the management, academic staff, and administration jointly organize a festive evening, contributing to socializing and supporting each other.

3.3 Academic activity in market collaboration subjected with FCE

The Industrial Board of the Faculty has organized many working meetings throughout the year. During the entire one-year work, the Faculty Board has supported our unit and students by providing practical work in local enterprises and organizing open lectures, also ensuring financial support.

The Faculty of Civil Engineering, with its institutional tradition, promoting research work, case study practices, special projects at national and international levels, organizes open lectures on various engineering topics such as Structures, Hydrotechnics, Geodesy, Environmental Engineering. These lectures are related to scientific analysis, project studies, case studies, environmental and social impact issues.

The target of organizing open lectures within FCE for students, academic staff, and the job market is to raise awareness about scientific achievements, challenges, difficulties, and practices in the realization of studies, projects, and constructions for specific cases. These lectures involve the breakdown of scientific problems and more.

There is a significant number of considered organizations and holding of open lectures at our Faculty with eminent local presenters and representatives from European institutions. According to the agenda announced in due time for the open lectures held within the year, they include:

- January 27, 2023, presenter Prof. Mathias Worst, Manager Technology Transfer Water Project at Administration, Water management Agency, title of “Water management in Bavaria tasks, responsibilities, structure, legal framework and challenges ahead”.
- March 21 – 29, 2023, presenter Prof. Florian Kretschmer, University BOKU, Viena. Austria title of “Wastewater as a Resource
- April 12, 2023, Prof. Bruno Dal Lago, “Precasted structures – technological development”, Varese University, Italy
- April 27, 2023, Prof.Dr. Niko Pojani, “The tensor aspects use and material in the material mechanics” Albania
- May 10, 2023 Dr. Alessandro Bianciardi,” Biological Inspired Design innovation”, EU in Kosovo
- May 30 2023, Matjaž Šajn, “BIM for the Engineers”, Slovenia
- June 08, 2023, Dr. Bujar Morava, “Behavior assessment of the Structures under the wind load tested in the wind tunnels”
- October 10, 2023, Bruno Dal Lago, “Sustainability and structures”, Varese University, Italy
- October 30, 2023 Dr. Thomas Ertl, “Societal role of universities in integrated water management through research, education and training”, BOKU University, Wien, Austria.
- December 11, 2023, Prof.asoc.Dr. Dorina Pojani, “Human and Vehicles, A love story”, University of Queensland, Australia. (<https://fin.uni-pr.edu/page.aspx?id=2,37>)

All the organized Open Lectures were attended by the academic staff and students of the Faculty, including external attendees who were present at many of the lectures.

3.4 The collaboration with the local subjects, visits, workshops, and academic activities organized by FCE.

The development of IAL required collaborations with various institutions within the country, leading to agreements aimed at creating opportunities for practical training for students. The Faculty of Civil Engineering has also established partnerships with companies, institutions, and organizations from both the public and private sectors, signing cooperation agreements at the levels of the University of Prishtina and the Faculty of Civil Engineering (see the attachment: [see the Link <https://fin.uni-pr.edu/page.aspx?id=1,56>]). These collaborations aim to fulfill the requirements aligned with the growth of the research and professional development levels. Some of the collaborative agreements (within the last three years, but not exclusively) have benefited the students of the programs at the Faculty of Civil Engineering for practical work and research and professional gains.

- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and the Kosovo Agency of Statistics, dated November 11, 2021.
- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and GM Architecture Company, dated November 11, 2021.

- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and Maluku Group Company, dated November 11, 2021.
- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and the Emergency Management Agency, Ministry of Internal Affairs, dated November 11, 2021.
- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and Geo Koha LLC, dated November 11, 2021.
- Memorandum of Understanding between the University of Prishtina - Faculty of Civil Engineering and AGEO& CO LLC, dated November 11, 2021.
- Memorandum of Understanding between the Ministry of Health and the University of Prishtina "Hasan Prishtina" - Faculty of Civil Engineering, dated March 8, 2022.
- Memorandum of Understanding between the Faculty of Civil Engineering, University of Prishtina "Hasan Prishtina," and the Faculty of Environmental and Mechanical Engineering, University of Life Sciences in Poznan, Poland, dated March 22, 2022.
- Memorandum of Cooperation between the Regional Water Company "Hydroregion Jugor" Prizren and the Faculty of Civil Engineering, University of Prishtina "Hasan Prishtina," dated March 25, 2022.
- Memorandum of Cooperation between the Regional Water Company "Mitrovica" and the Faculty of Civil Engineering, University of Prishtina "Hasan Prishtina," dated March 28, 2022.
- Memorandum of Cooperation between the Ministry of Culture, Youth, and Sports and the University of Prishtina "Hasan Prishtina," Faculty of Civil Engineering, regarding the assessment of the physical condition of damaged buildings within the memorial complex "Adem Jashari" in Prekaz. Dated June 28, 2021.
- Cooperation Agreement between the University of Prishtina, respectively the Faculty of Civil Engineering, and RWC "PRISHTINA" (Regional Water Company), dated March 02, 2021.
- Erasmus+, Mobility for Learners and Staff, Higher Education Student and Staff Mobility. Inter-Institutional Agreement 2020-23, between Institutions from Programme and Partner Countries, Universita degli Studi di Trento/Italy and the University of Prishtina. Signed on date 02 March 2021.
- The agreement between the University of Prishtina, respectively the academic units of the Faculty of Civil Engineering, and the Faculty of Mathematical and Natural Sciences for the implementation of a research grant on "Monitoring the quality of waters and monitoring of groundwater in the western part of the municipality of Lipjan," dated March 6, 2023.
- Workshop - "Contemporary Methods of Teaching and Continuous Student Assessment" by Prof. Majlinda Zhitija Gjelaj, October 4, 2023.
- Collaboration between the Faculty of Civil Engineering, University of Prishtina, and SKAT, December 4, 2023.
- Cooperation Agreement between the Faculty of Civil Engineering and the PHE "IBER LEPENCI," December 8, 2023.

- On December 13, 2023, a cooperation agreement was signed between the Faculty of Civil Engineering and the Public Housing Enterprise in Prishtina.

From the agreements realized, more than 30 students have conducted professional internships in various cases with financial support. In some of these agreements, the Faculty, with working groups composed of academic staff and students, has been engaged in verifying the capacities of existing structures, assessing their potential risks for utilization, and so on.

Numerous visits to existing and under-construction facilities, existing drinking water plants, wastewater treatment plants, construction sites, etc., have been conducted in Kosovo and Albania.

During the year 2023, numerous working meetings were organized between the Faculty of Civil Engineering (FCE) at the University of Prishtina (UP) and the Faculty of Civil Engineering at the Polytechnic University of Tirana (PTU). In March, May, October, and December 2023, reciprocal meetings took place in Tirana and Prishtina between the two faculties, aiming to deepen their collaboration.

There are many legal subjects for which the Faculty has requested expertise to be created by the staff.

3.5 *Financial aspects of FCE,*

Table of FCE budget lines expenditure in the 2023

Budged line	Sum	Description
The ICCE 2023 Organizing International Conference	16,500.00 €	Travel and accommodation expenses, as well as other conference-related expenses for the joint scientific conference between the Faculty of Civil Engineering, Polytechnic University of Tirana, and the Faculty of Civil Engineering, University of Prishtina, planned for May 2023 in Tirana
International angel	3,000.00 €	Request from the rectorate to have an international corner for the Faculty of Civil Engineering
Technical services	400.00 €	Campaign "Open Days," organizing visits to high schools in Kosovo to inform graduates about studying in the programs of studies at the Faculty of Civil Engineering, preparing posters, brochures, promotional videos, and organizing trips...
Office supply	1,000.00 €	Office Supplies: During the year 2022, the Faculty of Civil Engineering needs to be supplied with chairs, tables, cabinets for the offices of the faculty (secretary, vice deans, clerks, administration, and cabinets)
Food and drink supply	1,000.00 €	Organization of receptions for delegations from European and regional universities, provision of fast food (barbeque), drinks in the premises of the faculty. In such cases, promotion of IALs through direct contacts with students, academic staff, and administration.
Patty Cash	250.00 €	Advance cash money
Celebration of the year dinner	2,000.00 €	End-of-year dinner for the entire academic and administrative staff of the Faculty of Civil Engineering.
Concreting tools	20,000.00 €	"Smart Board for equipping classrooms, software, and server for students' needs. Computers, laptops, and other concrete tools"
Laboratories Equipment supply	250,000.00 €	Equipment for the laboratories of structure, materials, asphalt, geomechanics, hydrotechnics, geodesy, and environmental engineering. A part of the equipment for the construction laboratory, contracted in 2022 for a value of €150,000.00, and an additional €25,000.00 from the budget of the year 2023.
Servicing and calibration of existing equipment.		Servicing and calibration of existing equipment.
Roof Renovation	295,150.00 €	Roof renovation and different intervention of construction activity of outdoor stairs, indoor doors, toilets etc.

- Implementation of the contract for the renovation of the Faculty building, Kulmi. The budget is shared among three technical faculties (FCE, FECE, and FME) in the amount of approximately 295,150.00€ The project is finalized in December 2023.
- Tendering procedures have been conducted, and a contract has been signed for the laboratory equipment for structures worth 175,000.00€ The supply of equipment was completed in December 2023.
- The Hydrotechnics and Environmental Engineering Laboratory, won by FCE for the MSc program in IWRM for space renovation and equipped with facilities for student needs, including computer-equipped rooms, has a value of approximately 205,000.00€
- The drafting of the design for the renovation of the fifth floor has begun. The classrooms, corridors, and other accompanying spaces that need attention are part of a very ambitious project.
- Donations to FCE from local companies, organizing the ICCE2023 conference with a budget of 12,000.00€ concrete materials, access to electronic platforms for geodetic needs, various services in printing, transportation, technical services – doors, painting, etc.

3.6 The FCE work with the third parts

The academic staff of FCE has been engaged in professional services for the third party, namely the judicial institutions of Kosovo, conducting assessments and professional expertise. Professional services for the Ministry of Culture, Youth, and Sports, assessing the facilities of the National Theatre of Kosovo.

Dean of Faculty of Civil Engineering,
Prof.ass.Dr. Florim Grajçevci