

پوهنتون کاردان
KARDAN UNIVERSITY

Faculty of Engineering



kardan.edu.af

Summary

The Faculty of Engineering at Kardan University has a long and rich tradition of excellence in teaching, research, and service. The programs in civil engineering are ranked among the very top in their fields. The faculty strives to maintain and enhance this position through a continuing process of creating and identifying new opportunities and moving swiftly, but thoughtfully, to bring them to fruition.

The Faculty of Engineering at Kardan University offers a Bachelor of Civil Engineering (BCE) degree in Civil Engineering, Degree Program to be ordinarily of 4 academic years (8 Semesters), with the year being divided into two Semesters of 16 weeks each for course work. A total 44 courses & Research is offered by Civil Engineering Department.

From 44 courses 32 courses are core courses, 12 general courses, with a curriculum that focuses on seven civil engineering sub-discipline (environmental, geotechnical, geomatics, structure, transportation, construction and water resources engineering) and supporting areas.

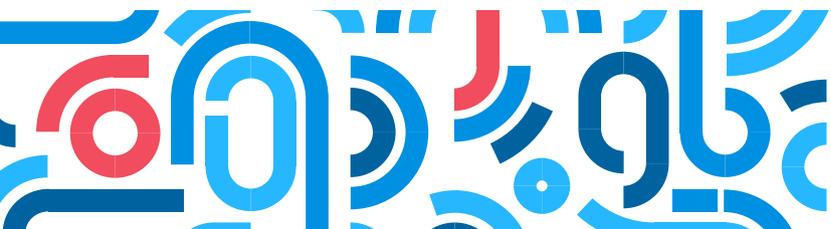


Vision Statement

To be an excellent school of engineering with inspiring teaching, research and services.

Mission Statement

Strive for excellence in engineering education, inspire and lead future engineers to excellence.



Dean's Message

There is no better place in Afghanistan than Kardan University to be an engineer "The term engineering is derived from the Latin ingenium, meaning "cleverness" and ingeniare, meaning "to contrive, devise" - See glossary of engineering".

Those who work in technical disciplines where they apply technical and scientific knowledge use the laws of nature and natural and human resources to create materials, constructions, machines, facilities, systems, and processes that meet security and functional criteria with respect to the economy, society, and the environment, is called an Engineer, usually requiring proof of competence to do so, such as an engineering diploma. Engineers use imagination, estimation, and reasoning to use mathematics, science, technology, and practical experience in designing, manufacturing, testing, and operating useful things and processes. Engineering includes many specializations that deal with problems related to the development of a particular product type or the use of a particular technology.

Kardan Engineering educates students to be leaders in the development and use of multidisciplinary approaches to solve complex, socially critical problems. We are committed to Excellence in Engineering.

Over the next few semesters, the Faculty of Engineering will grow the student body and expand the size of the faculty. This expansion will allow us to better serve the people of Afghanistan and to accommodate many more talented applicants who seek to attend the Civil Engineering program at Kardan University.

I'm motivated to provide a culture of service to our students, so that we may continue to develop the next generation of world-class engineers. I'm honored to be part of a team of people who aren't just about making something happen but making something better. I am very excited about the future of the Kardan Faculty of Engineering.

I look forward to working with our students, faculty, alumni, and friends to lead our faculty to new heights. I invite you to learn more about our transformative program and the many opportunities that the Kardan Faculty of Engineering provides. Please join us on this journey. There is no better place in Afghanistan to be an engineer "The term engineering is derived from the Latin ingenium, meaning "cleverness" and ingeniare, meaning "to contrive, devise" - See glossary of engineering".

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Abdul Tawfiq Pouya

Acting Dean, Faculty of Civil Engineering



Department of Civil Engineering (BCE)



Department of Civil Engineering (BCE):

Civil engineering evolved as a formal discipline at the start of the 19th century as a response to society's needs for increased mobility and convenience. Today's civil engineers deal primarily with public and private infrastructure and its relation to the environment, which includes planning, design, construction, and maintenance of transportation systems, bridges, dams, buildings, water supply/distribution/treatment systems, wastewater and storm water collection/treatment/disposal systems, irrigation systems, and flood control. Civil engineers also operate public and private works, and design environmental protection for water, air, and land. The civil engineering program seeks to prepare graduates, who after the first few years of their professional career have:



To Endeavour for excellence in educating, inspiring and mentoring future engineers.



A leading engineering program offering quality engineering expertise committed to excellence in education, research and public services.



Faculty of Civil Engineering



Abdul Tawfiq Poya

Academic Administrator/Assistant Professor
Master of Structure Engineering
Bachelor of science in civil engineering



Zabihullah Dalil

Assistant Professor
Master in Structural Engineering
Amity University Noida Uttar Pradesh-India
Bachelor of Science (Civil Engineering)



Sayed Dawood Karimi

Assistant Professor
Master in Structure Engineering
Azad Islamic University, Pakistan
Bachelor in Civil Engineering, National Military
Academy Afghansitan



Mohammad Sabaoon Khan

Assistant Professor
Masters in Mathematics - Peshawar University
Bachelor of Science, Mathematics with Statistics



Administration Staff



Sohail Noori
Program officer



Shafiullah Abid
Engineering Lab Officer



Bilaluddin Ibrahimkhal
Librarian

Credit System

Kardan University pursues the international standard, Credit-Based System (CBS). Under CBS, students can select the number of courses based on their specific financial or other preferences. All Bachelor programs span 138 credit hours including course modules in the faculty. A wide range of electives and professional development courses are available to broaden the students' horizons.

Academic Structure Civil Engineering Program

Summary of Courses

Category	Credits
Core Courses	108
General Courses	36
Project Report	6
Total	150



Financial Information

Kardan University delivers high-quality education in a world class environment. Our fee structure reflects the high academic quality and modern learning standards. The fee structure is designed based on the credit system giving the students the flexibility to choose the number of credits, schedules and courses offered. We are also proud to offer several merit scholarship and financial assistance opportunities.

Fee structure of Civil Engineering Program

Admission Fee		
Fee	Semesters	Total
1,000	8	8,000
Program Fee		
Fee Per credit	Number of Credits	Total
3,500	150	525,000
Program Cost	533,000	



Disclaimer: Our fee structure is designed based on the credit system giving students the flexibility to choose number of credits and pay the fee as per their financial position



Scholarship & Financial Assistance

Kardan University is committed to recognizing students' academic achievements and extracurricular activities. The University is also committed to ensuring no student is left behind from pursuing higher education solely for financial reasons.

» Financial Assistance

This program is designed to enable eligible existing and prospective students with financial needs to pursue higher education. The assistance is offered in the form of tuition fee reductions to students who meet the eligibility criteria.

» Merit-based Scholarships

The goal of the merit-based scholarships is to recognize and encourage academic excellence among Kardan University's undergraduate and graduate students.

» Public Service, Athletic and Co-Curricular Scholarships

The Kardan University Public Service, Athletic, and Co-Curricular Scholarships are available to existing and new students with extraordinary achievements in public service, sports, or co-curricular activities.

» Kardan University Equal Opportunity Scholarships

The Kardan University Equal Opportunity Scholarships are intended to extend higher education opportunities to students from underprivileged communities and first-generation students.



Student Success Center

Kardan University's Student Success Center is the first student-focused initiative of its kind in Afghanistan. The center assists our students and alumni achieve personal and professional excellence. The center is a hub for academic and extra-curricular initiatives that aim to help our students and alumni become more efficient, effective, and successful. By partnering with faculty and other university offices, we ensure that our students and alumni excel both academically and professionally.

Office of Student Involvement & Events

By organizing events such as seminars, sports competitions, and study tours, we strive to ensure students' academic and professional success.



SDGs Youth Ambassadors Club Student



Volunteers Club



Journalism Club



Book-Reading Club



Computer Science Club



Political Science Club



Poetry Club



Football Club



Cricket Club



Innovation Lab



Volleyball Club



Engineering Club



Entrepreneurship Club



Debate Club



Vis Moot Club



Photography Club



OFFICE OF CAREER SERVICES

The Office of Career Services at Kardan University assists students and alumni to achieve their career goals through a range of specialized programs and services.

From training workshops to professional development programs and employment-specific support, we are here to help them achieve their personal and professional success.

kardan.edu.af/Success-center/career_services.aspx

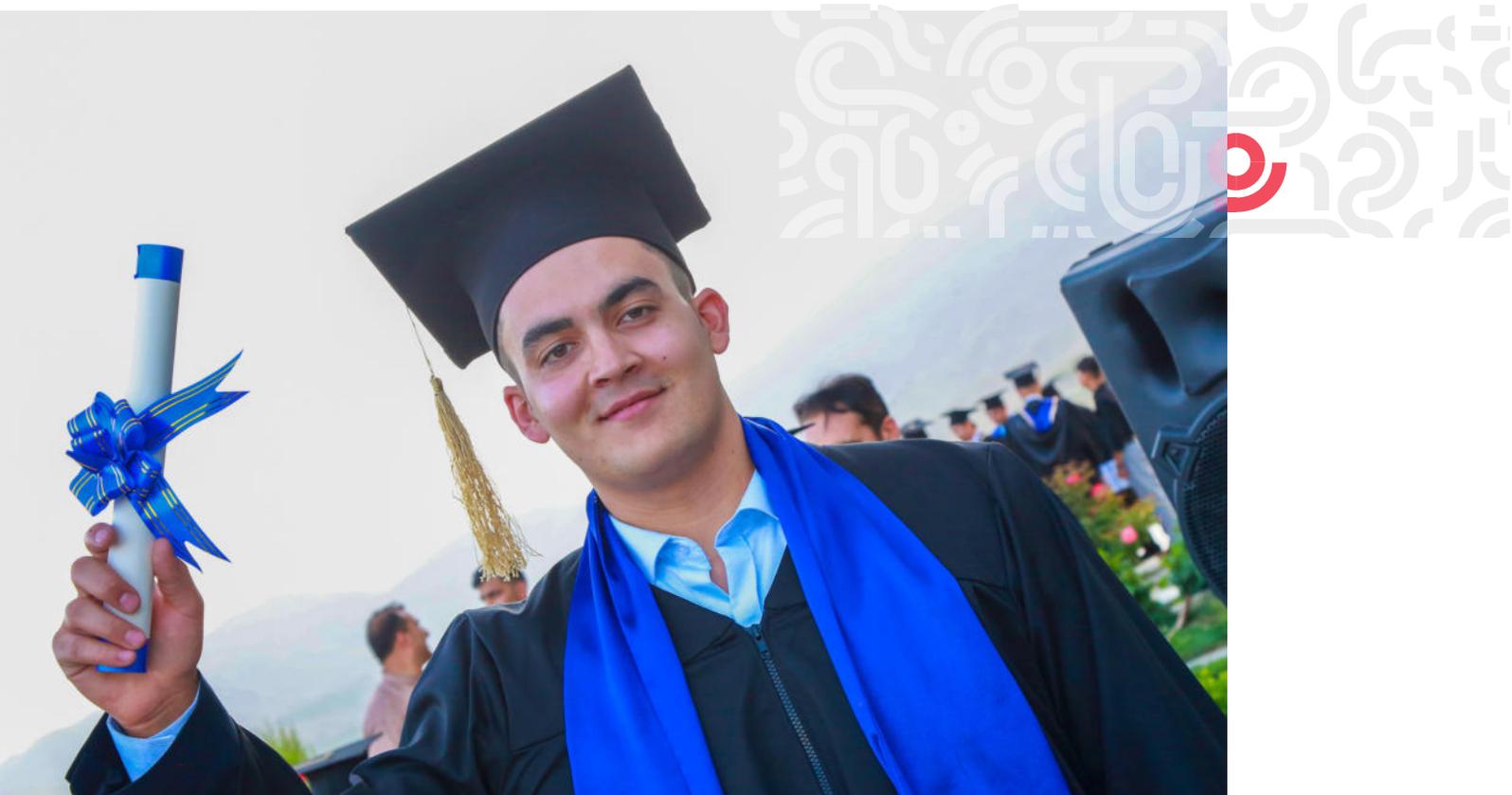
OFFICE OF ALUMNI RELATIONS

The University's responsibility to its alumni is addressed through the Alumni Relations Office that sustains lifelong relationships with alumni by providing meaningful opportunities to engage with Kardan University.

The Office delivers programs, events, benefits, services, and volunteer opportunities to our alumni's ever-growing constituency, which now exceeds more than 30,000 strong.

We organize alumni reunions, special training programs, facilitate the Distinguished Alumni Award Ceremony, and seek to create an equitable learning and teaching environment at Kardan University.

For further information: <https://kardan.edu.af/Alumni/>



LIBRARY

Kardan University Library is equipped with digital devices, with the activation of searching, borrowing and returning technologies.

The Library Management system is a system that manages library service including book issuance, book returns and is keeping the record physical books.

For further information: https://kardan.edu.af/Success-center/kardan_library.aspx

LEARNING MANAGEMENT SYSTEM (LMS)

Kardan University's learning management system (LMS) is comprehensive software application that is used to automate and manage teaching and learning at the University. Kardan University's LMS enables lecturers to upload resource materials, assignments, discussions and conduct exams and quizzes online.

Students on the other hand can select their courses, download resource materials, upload their assignments and take exams and quizzes. Besides, students can apply for leave, financial assistance and clearance.



Key Offices Information

Office of Scholarships & Financial Aid

✉ safa@kardan.edu.af

🌐 <https://kardan.edu.af/Success-Center/scholarships.aspx>

📍 Parwan-e-Du Campus

Faculty Development Center

✉ fdc@kardan.edu.af

🌐 https://kardan.edu.af/Faculty-Development-Center/About_FDC.aspx

📍 Parwan-e-Du Campus

Office of Quality Assurance & Accreditation

✉ qa@kardan.edu.af

🌐 <https://kardan.edu.af/Quality-Assurance/>

📍 Parwan-e-Du Campus

Department of Research and Development

✉ drd@kardan.edu.af

🌐 <https://kardan.edu.af/research/>

📍 Kardan School of Graduate Studies

Registrar Office

✉ h.bahadur@kardan.edu.af



Laboratories

Criminal Technique Lab

The Faculty of Law of Kardan University established a well-equipped Criminal Technique Lab in the year of 2020. In this lab, Law students can perform practical activities related to the criminal technical laboratory under the supervision of the laboratory expert.

CISCO Lab

In line with Kardan University's strategic goal of 'Excellence in Innovation and Growth', we are glad to announce the establishment of Kardan University CISCO Lab. The facility will enable Computer Science students, especially those studying networking related subjects, to practice the theories they learn in class. The lab will ultimately prepare the students for going ahead for CISCO Certifications which have high credibility worldwide.

Website: <https://kardan.edu.af/CiscoLab/>

Engineering Lab

Kardan University Engineering Lab is equipped with the latest equipment which allows Engineering students to practice the theories they learn in class. The lab is devoted to the advancement of practical education and technology in the field of Engineering. Additionally, it offers student the opportunity to put their ideas together and come up with creative solutions to the existing problems related to the field of Engineering.

Website: <https://kardan.edu.af/Academics/Faculty-of-Engi neering-and-Technology/>

Computer Labs

Kardan University's computer labs offer modern IT services to students and faculty throughout the academic year. Computer labs include Windows systems, printers, a wide variety of current software, and high-speed connections to the Internet. Additional resources in select computer labs include flatbed scanners; audio, video, and image editing; web and print publishing.

Website: <https://kardan.edu.af/News/Library/1071/>

Journalism Studio

Equipped with the latest features, the journalism studio of Kardan University is a perfect place for any professional production and recording. Leveraging its technologies and professional broadcasting equipment allows Journalism students to make anything possible. Also, students can utilize the studio to rehearse their practical work and improve their journalistic skills.

Website: <https://kardan.edu.af/Academics/bj/>

Engineering Showroom

Kardan University Engineering Showroom is designed to illustrate the corporate values of the institution which includes innovation, research and growth – and it showcases the engineering equipment and solutions. The showroom does not only exhibit the facilities the University provides to its students but also acts as a source of motivation for technology-minded students.

Website: <https://kardan.edu.af/Academics/bce/>

Moot Court

University Moot Court facility gives students a practical feeling of the courtroom environment. Students pursuing a degree in Law can hold practical Moot Courts sessions and practice criminal, social, and commercial cases under the supervision of their professors and laws experts. The students get a practical experience and are better prepared to serve in the justice and litigation institutions of the country.

Website: <https://kardan.edu.af/Academics/bj/>

Innovation Lab

Kardan University Innovation Lab is an enabling platform for Computer Science and Engineering students to let them put their learned theories to the test, learn new things, get familiar with new technologies, and be an inspiration for others. In i-Lab, we provide a learning environment where teams of students can build innovative products and gadgets using open-source hardware, open-source software, and available technologies.

Website: <https://kardan.edu.af/iLab/>



Applying to The Program

You have several options to apply to Kardan University's Civil Engineering program.

We offer flexibility and support in every step of the way making your transition to university life easier.

Admission Requirements

Civil Engineering Program

Successful passing of admission test

Ministry of Education attested 12th-grade certificate and transcript

Copy of National Identity Card (Tazkira)

Four passport size photographs



Graduation Requirements

Obtaining minimum of 1.5 CGPA

Completing all pre-requisite and core courses Computer Science Program

Successful defense of the final thesis/dissertation of the Program





How to Apply /

Admission Office

Taimani, Kardan Boys High School
Parwan- e- du, Kardan University



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KARDAN UNIVERSITY



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0788-538383

info@kardan.edu.af

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