AI VISION UNIVERSITY

Artificial Intelligence Research & Development

www.aivisionuniversity.com

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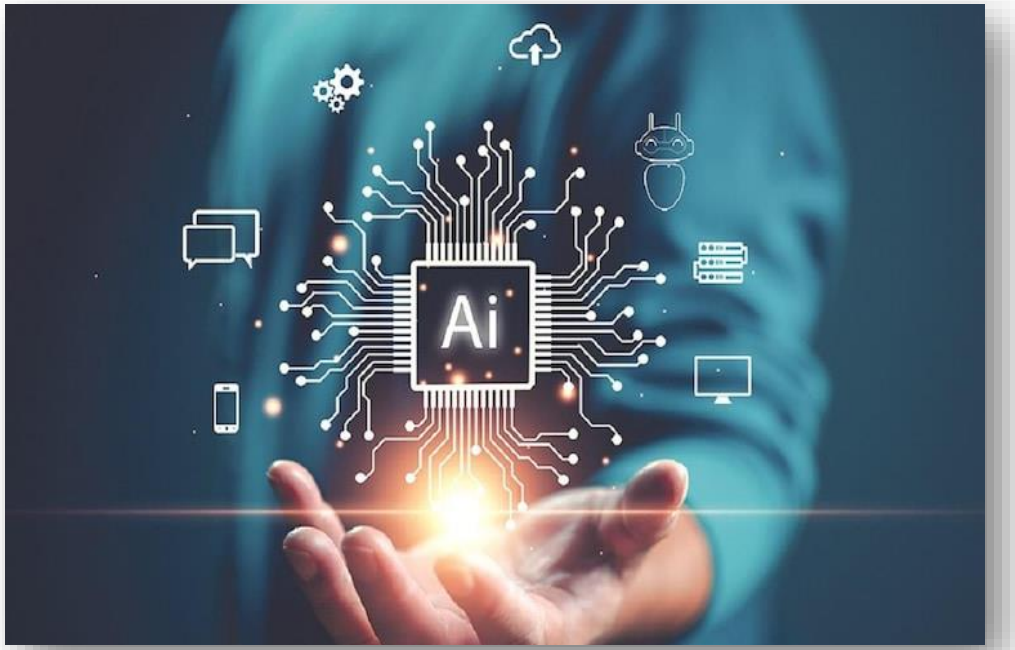
AI VISION UNIVERSITY UNITED KINGDOM

ABOUT US

Our UK-based university aims to be a pioneering institution in research and development, fully focused on artificial intelligence technologies. With campuses in the UK, the USA, and Turkey, we develop innovative solutions and high-value technologies in the field of AI. Our mission is to equip our students with AI knowledge and skills, ensuring their success in academic and professional life, while promoting the use of AI technologies for the benefit of society.



Our Goals:

• **Research and Development:** Conduct internationally leading research in AI technologies and develop applied projects through industry collaborations.

• **Education and Teaching:** Create AI-focused undergraduate and graduate programs, providing students with advanced AI knowledge and skills.

• **Community Contribution:** Develop projects that promote the ethical, reliable, and beneficial use of AI technologies for humanity.

• **Internationalization:** Establish collaborations with international academic and research institutions to facilitate global knowledge and technology transfer.

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AI VISION UNIVERSITY UNITED KINGDOM

Mission of Our University

Our Mission:

As a UK-based university, we aim to be a research and development institution entirely focused on artificial intelligence technologies. Our mission is to conduct innovative and pioneering work in the field of artificial intelligence, contributing to the effective and ethical use of this technology in all areas of society. Through our campuses in the UK, the USA, and Turkey, we are committed to developing high-value-added technologies in these countries. We aim to equip our students with advanced AI knowledge and skills that will enable them to succeed in their academic and professional lives. Additionally, we strive to provide sustainable solutions to societal problems through AI technologies and to become a globally recognized university in this field.

AI VISION UNIVERSITY UNITED KINGDOM

Vision of Our University

Our Vision:

Our vision is to become a world-leading university in artificial intelligence technologies. We aspire to play a pioneering role on the global science and technology stage through our AI research and development activities. Guided by the principles of educational excellence, innovation, and sustainability, we aim to train our students and academics to be highly competent individuals in the field of artificial intelligence at our campuses in the UK, the USA, and Turkey. In this regard, we strive to be a center for the ethical, reliable, and beneficial use of AI technologies for humanity.

AI VISION UNIVERSITY UNITED KINGDOM

Goals of Our University

1.Research and Development:

- Conduct internationally leading research in the field of artificial intelligence technologies.
- Establish AI laboratories and research centers to support the projects of students and academics.
- Develop applied AI projects through collaborations with industry.
- Conduct projects at our campuses in the UK, the USA, and Turkey to develop high-value-added technologies.

2.Education and Teaching:

- Create and continuously update undergraduate and graduate programs focused on artificial intelligence.
- Equip students with skills to effectively use and develop AI technologies.
- Emphasize ethical and sustainable AI applications in the educational curriculum.

3.Community Contribution:

- Develop projects that promote the use of AI technologies for the benefit of society.
- Collaborate with public and private sectors to expand the use of AI in various fields.
- Organize seminars, conferences, and workshops to raise awareness in the field of AI.

4.Internationalization:

- Establish collaborations with international academic and research institutions to facilitate global knowledge and technology transfer.
- Participate in international AI projects and consortia.
- Offer an attractive education and research environment for international students and academics.

AI VISION UNIVERSITY UNITED KINGDOM

About the Founder

Abdullah Alp ASLAN is a distinguished expert, software engineer, and visionary with 25 years of international experience in artificial intelligence and advanced technologies. His deep commitment to education, research, and technological innovation has led to significant contributions in today's most critical scientific and technological fields.

Having completed his undergraduate studies at leading universities, Abdullah Alp ASLAN has undertaken numerous successful projects in artificial intelligence and software engineering. Currently, ASLAN is pursuing advanced studies in artificial intelligence at the University of Oxford, continuously updating his knowledge and experience to contribute to innovative projects.

Since 2020, Abdullah Alp ASLAN has been living in the United Kingdom with his family. He is married and a father of three. His strong family bonds help him maintain a balance between his personal and professional life.

Abdullah Alp ASLAN holds numerous patents reflecting his innovative contributions to technology. He has also worked as an IT manager in some of Turkey's prominent international companies, showcasing his expertise and leadership in the field.

In Turkey, ASLAN successfully completed the TÜBİTAK Smart Helmet Innovation Project, bringing the product to market with government support and incentives. The product is now available for global sale, and the project has earned ASLAN several awards for its technological innovation and functionality.

Under ASLAN's leadership, the university aims to develop innovative projects in artificial intelligence and high technology across campuses in the United Kingdom, the United States, and Turkey. ASLAN's vision is to provide world-class education and research opportunities to students and researchers, contributing to the technological advancement of society.

For more information about Abdullah Alp ASLAN's professional and personal projects, please visit his official website, blog, YouTube channel, and LinkedIn profile.

A.Alp Aslan

Digital Transformation Architect | Software Engineer

DIRECTOR | FOUNDER

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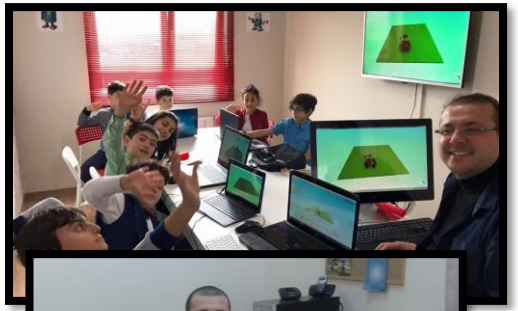
About the Founder

A. Alp Aslan
Digital Transformation Architect | Software Engineer

DIRECTOR | FOUNDER



AI VISION UNIVERSITY UNITED KINGDOM

University Complex United Kingdom
The modern university complex comprises four state-of-the-art buildings, each designed to foster innovation, collaboration, and academic excellence. The architecture seamlessly blends advanced technology with sustainable design, creating an inspiring environment for students, faculty, and researchers. Here is an overview of each building in the complex:

Research and Development Center
The heart of innovation, this building houses cutting-edge laboratories, research facilities, and collaborative spaces where interdisciplinary teams work on groundbreaking projects. Equipped with the latest technology and smart infrastructure, it promotes a culture of discovery and invention.

Features: Advanced AI labs, robotics workshops, data analysis centers, and flexible co-working spaces.

Academic and Lecture Hall
This building is dedicated to education and learning, featuring spacious lecture halls, seminar rooms, and study areas. Designed with modern pedagogical approaches in mind, it supports interactive learning and student engagement.

Features: Large auditoriums with digital teaching aids, smaller classrooms with flexible seating, study lounges, and a multimedia library.

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Features: Large auditoriums with digital teaching aids, smaller classrooms with flexible seating, study lounges, and a multimedia library.

Library and Information Center
A hub of knowledge, the library offers an extensive collection of physical and digital resources. It provides a serene environment for study and research, along with state-of-the-art information technology systems to support academic endeavors.

Features: Extensive book and journal collections, digital resource access, quiet study areas, group study rooms, and computer labs.

Student and Faculty Amenities Building
This building serves as the social and recreational center of the campus, offering a variety of amenities for students and faculty. It includes dining facilities, a fitness center, recreational areas, and spaces for student organizations and activities.

Features: Cafeterias, gymnasium, recreational lounges, meeting rooms for clubs and societies, and outdoor seating areas.

The entire complex is interconnected with pedestrian-friendly pathways and green spaces, promoting a sense of community and well-being. Sustainability is a key focus, with energy-efficient systems, renewable energy sources, and eco-friendly materials integrated throughout the design. This modern university complex not only supports academic excellence but also nurtures the holistic development of its members.

Example Building Plan Summary

Building Type	Average Area (m^2)
Educational Building	6,500 m^2
Accommodation Building	6,500 m^2
Cafeteria and Dining Hall	2,000 m^2
R&D Center and Laboratories	4,050 m^2
Total Area:	**19,050 m^2**

Explanations

- **Land Acquisition:** Purchase of land for each building.
- **Building Construction:** Costs related to the construction of educational buildings and the R&D center.
- **R&D Center and Laboratories:** Higher costs due to specialized equipment and infrastructure requirements.
- **Energy Generation Systems:** Includes systems such as solar panels and wind turbines to meet energy needs.
- **IT Infrastructure:** Technological infrastructure required for education and management systems.

Building Types and Average Area Calculations

Educational Buildings (Classrooms and Laboratories)

Requirements:
- Classrooms
- Laboratories
- Student Study Areas
- Teacher Offices

Average Area Calculation:
- Classrooms: 20 classrooms x 60 m^2 = 1,200 m^2
- Laboratories: 10 laboratories x 100 m^2 = 1,000 m^2
- Student Study Areas: 500 m^2
- Teacher Offices and Administrative Areas: 300 m^2
- General Use Areas (Library, Rest Areas): 500 m^2

Total Area: 4,500 m^2

Building Types and Average Area Calculations

Accommodation Buildings (Dormitories and Student Housing)

Requirements:
- Student Rooms
- Common Areas (Kitchen, Lounge Areas)
- Management Offices
- Cleaning and Maintenance Areas

Area Calculation:
- Student Rooms: 200 rooms x 25 m^2 = 5,000 m^2
- Common Areas: 1,000 m^2
- Management Offices: 200 m^2
- Cleaning and Maintenance Areas: 300 m^2

Total Area: 6,500 m^2

Building Types and Average Area Calculations

Cafeteria and Dining Facilities

Requirements:
- Dining Areas
- Cafeteria and Rest Areas
- Kitchen and Preparation Areas

Average Area Calculation:
- Dining Area: 1,000 m²
- Cafeteria and Rest Areas: 500 m²
- Kitchen and Preparation Areas: 500 m²

Total Area: 2,000 m²

Building Types and Average Area Calculations

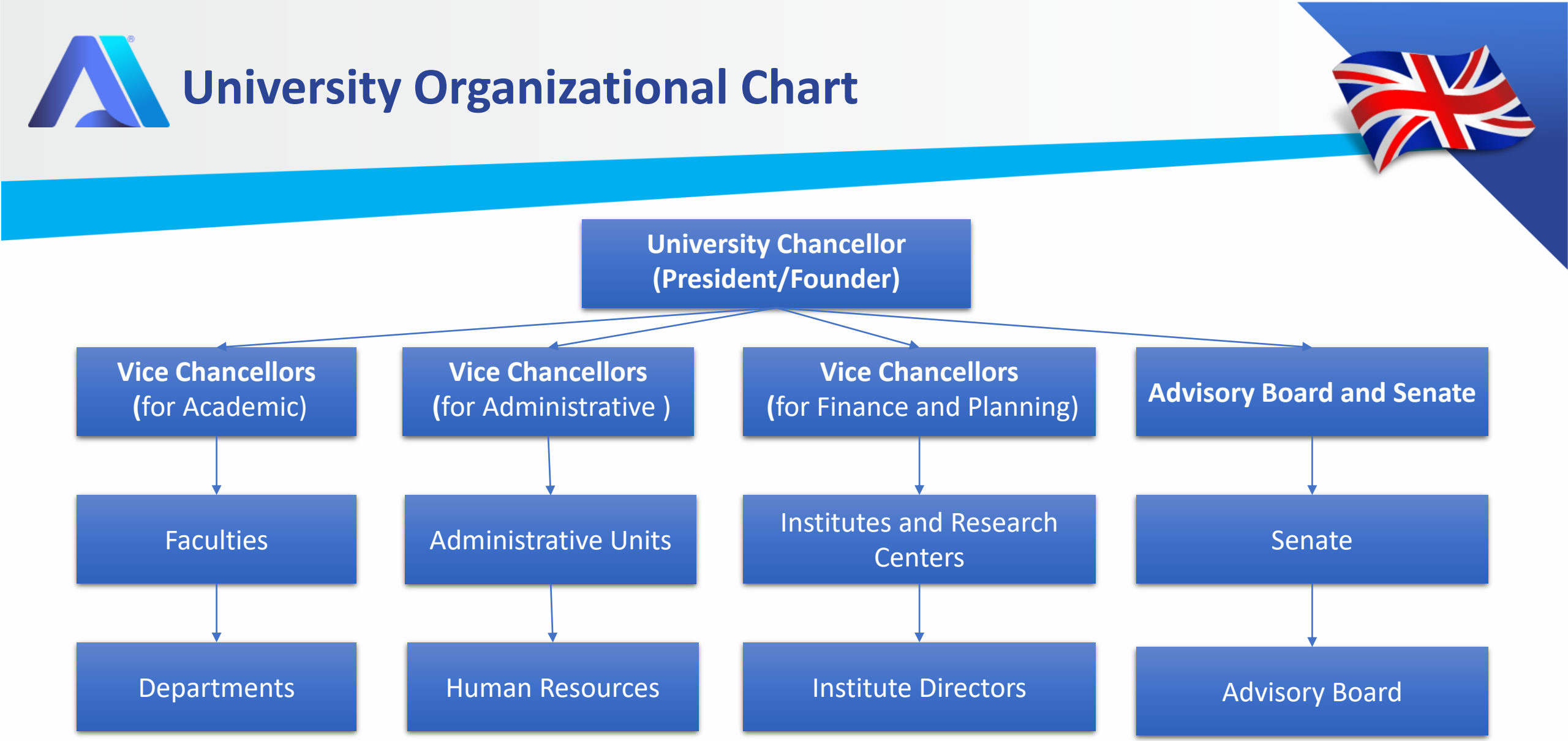
R&D Center and Laboratories

Requirements:
- Research Laboratories
- R&D Offices
- Meeting and Seminar Rooms
- Technical Support Areas

Average Area Calculation:
- Research Laboratories: 15 laboratories x 150 m^2 = 2,250 m^2
- R&D Offices: 800 m^2
- Meeting and Seminar Rooms: 500 m^2
- Technical Support Areas: 500 m^2

Total Area: 4,050 m^2

University Organizational Chart



- Finance
- Facilities Management
- IT Marketing and Communications
- Student Services

- Research Staff

DEPARTMENTS

1. Artificial Intelligence
- Machine Learning
- Deep Learning
- Natural Language Processing
- Computer Vision

2. Computer Science
- Algorithms and Data Structures
- Software Development
- Data Science
- Cybersecurity

3. Robotics
- Autonomous Systems
- Robotic Control Systems
- Sensor Technologies
- Robotic Algorithms

4. Data Science
- Big Data Analysis
- Data Mining
- Statistical Analysis
- Data Visualization

5. Cognitive Science
- Interaction
- Neuroscience
- Psychology
- Cognitive Modeling

6. Ethics and Policy in AI
- AI Ethics
- AI Regulations and Policies
- Society and Technology

7. Engineering
- Electrical and Electronics Engineering
- Mechatronics
- Industrial Engineering

8. Bioinformatics
- Genomics and Proteomics
- Biomedical Data Analysis
- Health Informatics

9. Business and Innovation in AI
- Technology Management
- Innovation and Entrepreneurship
- AI Applications and Business Models

10. Advanced Mathematics
- Mathematical Modeling
- Statistics and Probability Theory
- Numerical Analysis

11.Biomedical Engineering
- Biosensors and Biomimetic Systems
- Medical Device Design and Development
- Biomechanics and Rehabilitation Engineering

DEPARTMENTS

Neuroengineering
- Brain-Computer Interfaces
- Neuromodulation and Neural Communication
- Prosthetics

Robotics and Biomechanics
- Wearable Robotic Systems
- Prosthetics and Orthotics Technologies
- Human-Robot Interaction

Artificial Intelligence in Medicine
- Medical Image Processing and Analysis
- Disease Diagnosis and Prediction
- Personalized Medicine and Treatment Planning

Human-Computer Interaction
- User Interfaces and User Experience Design
- Haptic Technologies
- Sensory Feedback Systems

Cognitive Neuroscience
- Brain Mapping and Functionality
- Neural Circuits and Perception
- Consciousness and Cognitive Processes

Nanotechnology
- Nanomaterials and Biocompatible Coatings
- Nanoelectronics and Bionanotechnology
- Applications of Nanosystems in Medicine

Cyber-Physical Systems
- Smart Medical Systems
- Real-Time Monitoring and Control
- Integrated Hardware-Software Solutions

Advanced Materials Science
- Biocompatible and Biodegradable Materials
- Smart Materials and Sensors
- Flexible and Wearable Electronics

Physics
- Electromagnetic Fields and RF Propagation
- RF and Microwave Physics
- Magnetic Resonance and RF Usage

All Campuses

United Kingdom

Türkiye

United States

Projects

1. Research and Innovation Center

• **Objective:** To conduct pioneering research in advanced technology and innovation.

• **Content:** Establish laboratories and teams focused on artificial intelligence, biotechnology, nanotechnology, energy efficiency, and renewable energy sources.

• **Impact:** Accelerate scientific discoveries and facilitate technology transfer.

Projects

2. Green Campus Initiative

•**Objective:** To make the university environmentally friendly and sustainable.

•**Content:** Solar panels, recycling programs, water conservation measures, green buildings, and bike paths.

•**Impact:** Promote environmental sustainability and reduce the university's carbon footprint.

Projects

3. International Student Programs

•**Objective:** To attract a global student body and enhance international collaborations.

•**Content:** Exchange programs, joint undergraduate and graduate programs, language learning centers, and international student offices.

•**Impact:** Increase cultural diversity and strengthen international academic partnerships.

Projects

4. Digital Education and Learning Platform

•**Objective:** To provide flexible and accessible education using modern educational technologies.

•**Content:** Online courses, hybrid learning models, virtual laboratories, and student support systems.

•**Impact:** Enhance educational accessibility and prepare students for success in the digital age.

Projects

5. Community and Health Center

• **Objective:** To offer health services to the local community and fulfill social responsibilities through community projects.

• **Content:** Clinics, health screenings, health education programs, and community-focused research.

• **Impact:** Improve community health and increase the university's social contribution.

Projects

5. Community and Health Center

• **Objective:** To offer health services to the local community and fulfill social responsibilities through community projects.

• **Content:** Clinics, health screenings, health education programs, and community-focused research.

• **Impact:** Improve community health and increase the university's social contribution.

Projects

6. Career and Entrepreneurship Center

- **Objective:** To support students' career development and enhance their entrepreneurial skills.
- **Content:** Internship programs, job fairs, entrepreneurship competitions, and mentoring programs.
- **Impact:** Prepare students for the workforce and support the entrepreneurship ecosystem.

Projects

7. Arts and Culture Center

- **Objective:** To promote artistic and cultural activities and provide students with a broad cultural experience.
- **Content:** Exhibitions, concerts, theater performances, literary events, and art workshops.
- **Impact:** Develop students' creative talents and enrich campus life.

Projects

8. Advanced Technology Training Center

• **Objective:** To teach students and faculty the latest technological advancements and provide practical application opportunities.

• **Content:** Advanced courses and certification programs in artificial intelligence, machine learning, data science, blockchain technologies, and more.

• **Impact:** Equip students with technological competencies and meet industry needs for skilled professionals.

Projects

9. AI-Powered Education and Teaching Center

• **Objective:** To optimize educational processes with artificial intelligence and provide personalized learning experiences.

• **Content:** AI teaching assistants, AI-organized lesson plans, AI-monitored student performance and evaluation, AI-based personalized learning roadmaps.

• **Impact:** Accelerate learning processes, increase academic achievement, and offer innovative approaches in education.

Projects

9. AI-Powered Education and Teaching Center

• **Objective:** To optimize educational processes with artificial intelligence and provide personalized learning experiences.

• **Content:** AI teaching assistants, AI-organized lesson plans, AI-monitored student performance and evaluation, AI-based personalized learning roadmaps.

• **Impact:** Accelerate learning processes, increase academic achievement, and offer innovative approaches in education.

Projects

10. Health and Fitness Center

•**Objective:** To support the physical health and well-being of students and staff.

•**Content:** Gyms, fitness programs, yoga and meditation classes, nutrition counseling.

•**Impact:** Promote healthy lifestyles across campus and improve physical and mental health of individuals.

These projects will enhance our university's academic excellence, environmental and societal contributions, support students' career development, and help our university become a global brand.

AI VISION UNIVERSITY

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THANK YOU!

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