



Innovation
University

Faculty of
Engineering

📍 10th OF RAMADAN CITY

🌐 iu.edu.eg

☎ 16856

About the faculty of **ENGINEERING**

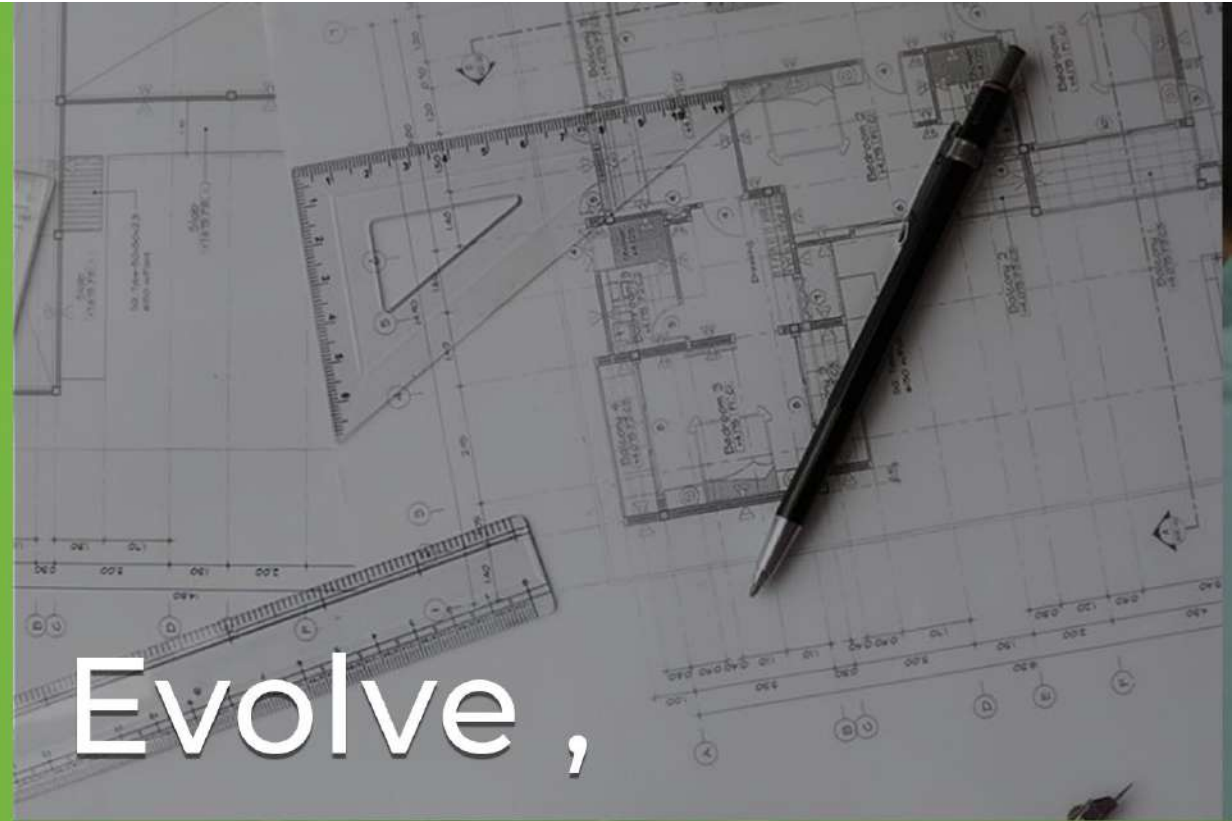
Faculty Overview

The Faculty of Engineering at Innovation University is dedicated to fostering innovation in engineering education, research, community service and environmental development. Established in 10th of Ramadan City, the faculty offers specialized and interdisciplinary programs designed to meet **global industry demands**. The curriculum emphasizes applied learning, research-driven education, and strategic partnerships with international academic and industrial institutions.

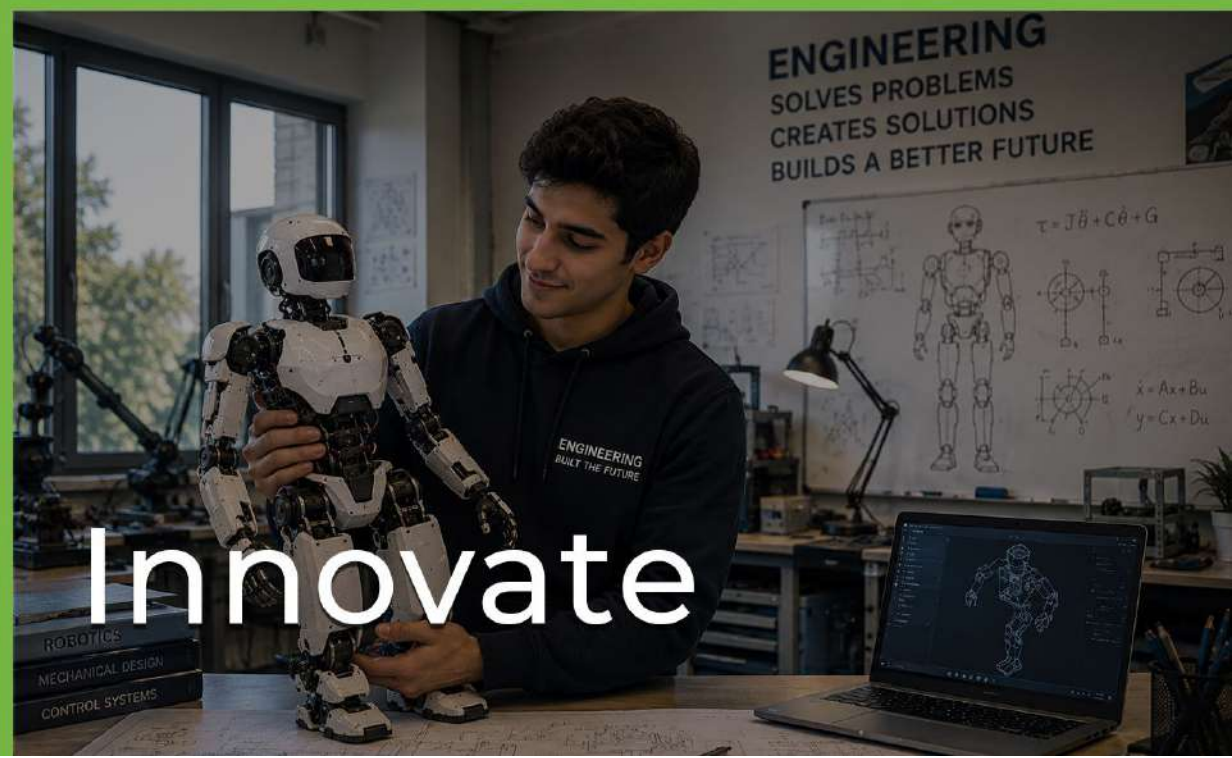
Join us on this exciting journey of exploration, discovery, and innovation, and unlock your true potential at the Faculty of Engineering at Innovation University



LEARN,



Evolve,



Innovate

Vision

The Faculty of Engineering aspires to achieve excellence in advanced engineering fields, especially in applied engineering innovations and in developing the learning journey for students who are at the center of the educational process, and that the college leads in the specialty at the local, regional, and international levels.

Mission

The Faculty of Engineering at Innovation University is committed to providing students with the knowledge, skills, and ethics necessary to meet market needs. It aims to enhance academic education and develop educational and research programs that encourage creativity and innovation in line with industry requirements, in order to achieve a positive impact on society and environmental sustainability.



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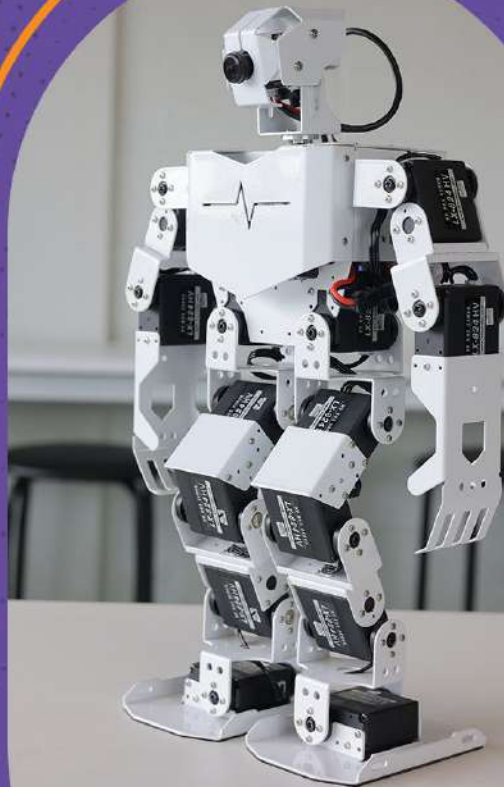
Why Study Engineering at Innovation University?

- ◆ Study duration is 4 Years
- ◆ The university cares about students' extracurricular skills.
- ◆ Graduates guaranteed membership in the Egyptian Engineers Syndicate
- ◆ Strong integration of theoretical knowledge and hands-on practice
- ◆ Education embedded within a major industrial ecosystem
- ◆ Focus on innovation, creativity, and problem-solving
- ◆ Industry-integrated projects, laboratories, and site visits
- ◆ Student-centered learning using modern teaching strategies
- ◆ Emphasis on professional ethics, leadership, and lifelong learning

Offered Programs

The Faculty of Engineering offers the following undergraduate programs:

- ◆ Architectural Engineering & **Real Estate Development**
- ◆ Electronics and Communication Engineering
- ◆ Robotics and Mechatronics Engineering



Programs Structure

Bachelor of Engineering Degrees

Upon graduation, students are eligible for membership in the Egyptian Engineers Syndicate.

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Architectural Engineering & Real Estate Development

The only university in Egypt with a dedicated undergraduated program for Real Estate Development.

The program integrates architectural design, engineering sciences, and real estate development. Students study architectural and structural design, construction technologies, sustainable building systems, and real estate finance and management, supported by studio-based learning, site work, and industry-oriented projects.

Electronics and Communication Engineering

The program focuses on electronics, communication systems, and intelligent technologies. Students gain strong foundations in electronic circuits, signal processing, communication networks, embedded systems, and emerging technologies, supported by advanced laboratories and applied engineering projects.

Robotics and Mechatronics Engineering

The program combines mechanical engineering, electronics, control systems, and intelligent automation. Students develop skills in robotics, mechatronic systems, industrial automation, embedded programming, and smart manufacturing through hands-on labs and multidisciplinary projects.

Career Opportunities

Graduates of the Faculty of Engineering can pursue diverse career paths across multiple engineering sectors:

Duration of Study: 4 years

Upon graduation, students are eligible for membership in the Egyptian Engineers Syndicate.



Architectural Engineering & Real Estate Development

- ◆ Architectural Engineer
- ◆ Construction Project Engineer / Manager
- ◆ Real Estate Development Manager
- ◆ Property and Asset Manager
- ◆ Urban Planning and Smart Cities Specialist
- ◆ Sustainability and Green Building Consultant



Electronics & Communication Engineering

- Electronics Engineer
- Communication and Network Engineer
- Telecommunications Specialist
- Embedded Systems Engineer
- Automation and Control Engineer
- IoT and Intelligent Systems Engineer



Robotics & Mechatronics Engineering

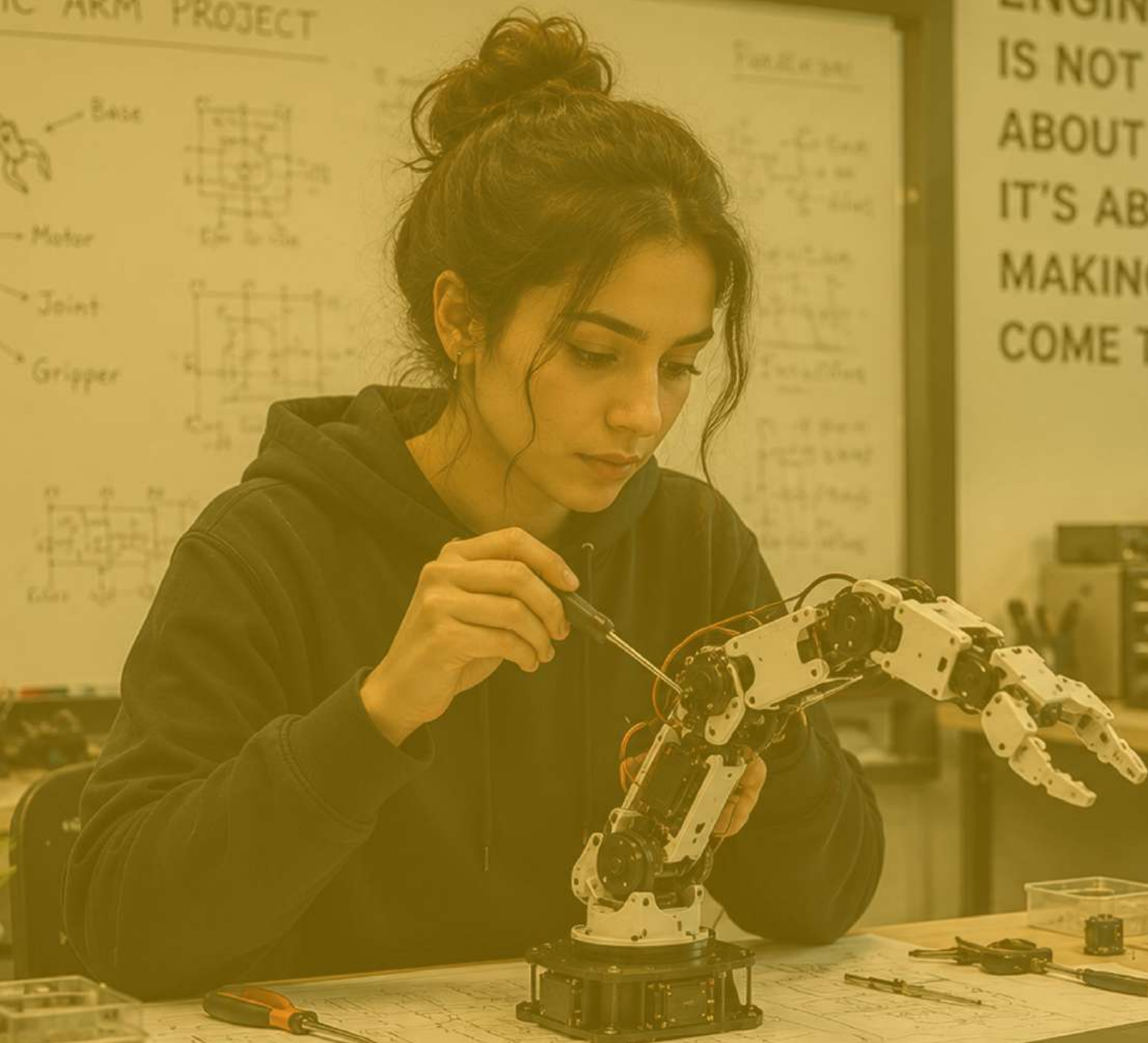
- Mechatronics Engineer
- Industrial Automation Engineer
- Robotics Design Engineer
- Maintenance and Reliability Engineer
- Smart Manufacturing Specialist
- Research and Development Engineer

ROBOTIC ARM PROJECT



- To Do:
- Design
 - Build
 - Test
 - Improve

ENGINEERING
IS NOT JUST
ABOUT MACHINES
IT'S ABOUT
MAKING IDEAS
COME TO LIFE



ENGINEER
CREATE
INNOVATE

Scientific Activities

- **Robotics Club** – Designing, programming, and building innovative robotic systems for competitions and real-world applications.
- **Mobile Application Development Club** – Developing creative mobile applications and enhancing students' software development skills.
- **Data Analysis Club** – Training students in data processing, visualization, and analytical decision-making techniques.
- **Automation Club** – Exploring industrial automation technologies, PLC programming, control systems, and smart manufacturing solutions through practical projects and hands-on training.
- **Engineering Innovation Projects** – Encouraging students to develop practical engineering solutions and participate in interdisciplinary projects.
- **Technical Workshops and Seminars** – Organizing specialized workshops, guest lectures, and hands-on training sessions in emerging engineering fields.



Training Opportunities & Partnerships

- ◆ Strategic partnerships with leading industrial companies in the Tenth of Ramadan Industrial City to provide students with practical training opportunities and industry exposure.
- ◆ Cooperation Protocol with Huawei to support student training, technology programs, and professional certification opportunities.
- ◆ Cooperation Protocol with Creativa Innovation Hub Ismailia to enhance students' digital skills, entrepreneurship, innovation, and technology-based learning experiences.
- ◆ Cooperation Protocol with CADMASTERS to provide students with training opportunities in engineering software and graphics programs
- ◆ Organizing workshops, scientific sessions, and training programs to enhance students' technical and professional skills.
- ◆ Cooperation Protocol with SpacePoint to collaborate on initiatives that enhance innovation, capacity building, and access to space and advanced technology education.





Innovation
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**Start Your Creative
Journey Today**

APPLY NOW

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