



Republic of the Philippines
Department of Education
REGION I
SCHOOLS DIVISION OF VIGAN CITY

2125

ADVISORY NO. 35, s. 2026

In compliance with DepEd Order (DO) No. 8, s. 2013
The advisory is issued not for endorsement per DO 28, s. 2001,
but only for the information of DepEd officials,
personnel/staff, as well as the concerned public.

CONDUCT OF ROBOLUTION DUBAI: ROBOTICS & AUTOMATION INTERNATIONAL COMPETITION

This is in reference to letter from Erovoutika Robotics and Automation Solutions on the conduct of ROBOlution Dubai: Robotics & Automation International Competition at Birla Institute of Technology and Science (BITS) Pilani, Dubai Campus, United Arab Emirates on April 25-27, 2026.

Personnel and staff, including public and private secondary schools are invited to participate in the activity on a voluntary basis.

Attached is the letter from Erovoutika Robotics and Automation Solution for reference.

SGOD/SDF/ADV_SDF_EROVOUTIKA
January 30, 2026





Outlook

Official Invitation – Robolution Dubai 2026

2026-2027 E 173

From Robolution Erovoutika <erobolution@gmail.com>

Date Thu 29/01/2026 13:25

To DEPED VIGAN CITY <vigan.city@deped.gov.ph>

You don't often get email from erobolution@gmail.com. [Learn why this is important](#)



ROBOLUTION Invitation Dubai 2026V2.pdf

Dear Participants,

Warm greetings from Erovoutika Robotics and Automation Solutions!

We are honored to invite you to participate in the upcoming ROBOlution Dubai: Robotics & Automation International Competition, to be held from April 25-27, 2026 at the prestigious Birla Institute of Technology and Science (BITS) Pilani – Dubai Campus, United Arab Emirates. This Robolution is collaborated with Fibonacci International. The winning Dubai teams can also compete in the Fibonacci International Robotics Olympiad in Turkey, Spain, and Rome, Italy.

The Robolution Dubai competition will be a HYBRID featuring a diverse array of categories. These include Erobot V1 and Erobot V3 (Open Category) for line following challenges, Esoccerbot for action-packed robot soccer games, Erobot Sumo and Eminisumo V3 for robot sumo matches, AI Robotics Humanoid Challenge, EroQuiz Bee, and a Freestyle Category-Innovation & Invention Projects (online or onsite) that allows participants to showcase original robotics or AI-based innovations. For educators and mentors, we are proud to introduce Erovouthon (onsite & online), a special competition track paired with hands-on workshops exclusively for teachers to enhance their robotics teaching capabilities.

We truly believe that your participation will contribute to elevating global standards in STEM education and innovation. We look forward to welcoming you to Robolution Dubai 2026!

We look forward to welcoming you to Dubai and recognizing your achievements before an international audience of educators, innovators, and industry leaders.

Kindly confirm your attendance at your earliest convenience.

Warm regards,

Engr. Bhai Nhuraisha I. Deplomo

Founder, Erovoutika

and

Dr. S. Vincent

Associate Professor & Head of Department,

Department of Mechanical Engineering

29 JANUARY 2026

Subject: Official Invitation – Robolution Dubai 2026

TO: VILMA D. EDA
SCHOOLS DIVISION SUPERINTENDENT
VIGAN CITY

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Founder, Erovoutika

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Dr. S. Vincent
Associate Professor & Head of Department,
Department of Mechanical Engineering



erovoutika@gmail.com

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2025-2026



BITS Pilani
Dubai Campus

ROBOLUTION DUBAI 2026

ROBOTICS & AUTOMATION
INTERNATIONAL COMPETITION

APRIL 25-27, 2026





ROBOLUTION

Robotics & Automation

What is ROBOLUTION?

Robolution is Erovoutika's **flagship international robotics and automation competition**. It is designed to spotlight **innovation, technical excellence, and real-world problem-solving** in robotics, AI, and automation technologies.

This premier event unites **students, educators, professionals, and industry leaders** from across the globe to **compete, collaborate, and advance technological expertise**.

Launched in 2019 in the Philippines, Robolution has grown from local competition to a full-fledged **regional, national, and international platform**. It fosters a vibrant global community of robotics enthusiasts and innovators. Its regional and national events have been successfully hosted in partnership with leading schools and universities.

In 2025, Robolution will make its UAE debut—bringing this prestigious international event to Dubai. The program will feature:

- **High-stakes competitions**
- **Hands-on training camps**
- **Awards and recognitions**
- **Global networking opportunities** in robotics, automation, cybersecurity, and research & innovation.

Robolution Dubai, UAE 2025, in partnership with BITS Pilani Dubai, Campus aims to be a transformative experience—empowering participants to showcase their talents, build global connections, and drive forward the future of technology. This Robolution is collaborated also with Fibonacci International in Turkey and Italy. The winning Dubai teams will compete in Fibonacci International.

ROBOLUTION DUBAI 2026





ROBOLUTION

Robotics & Automation

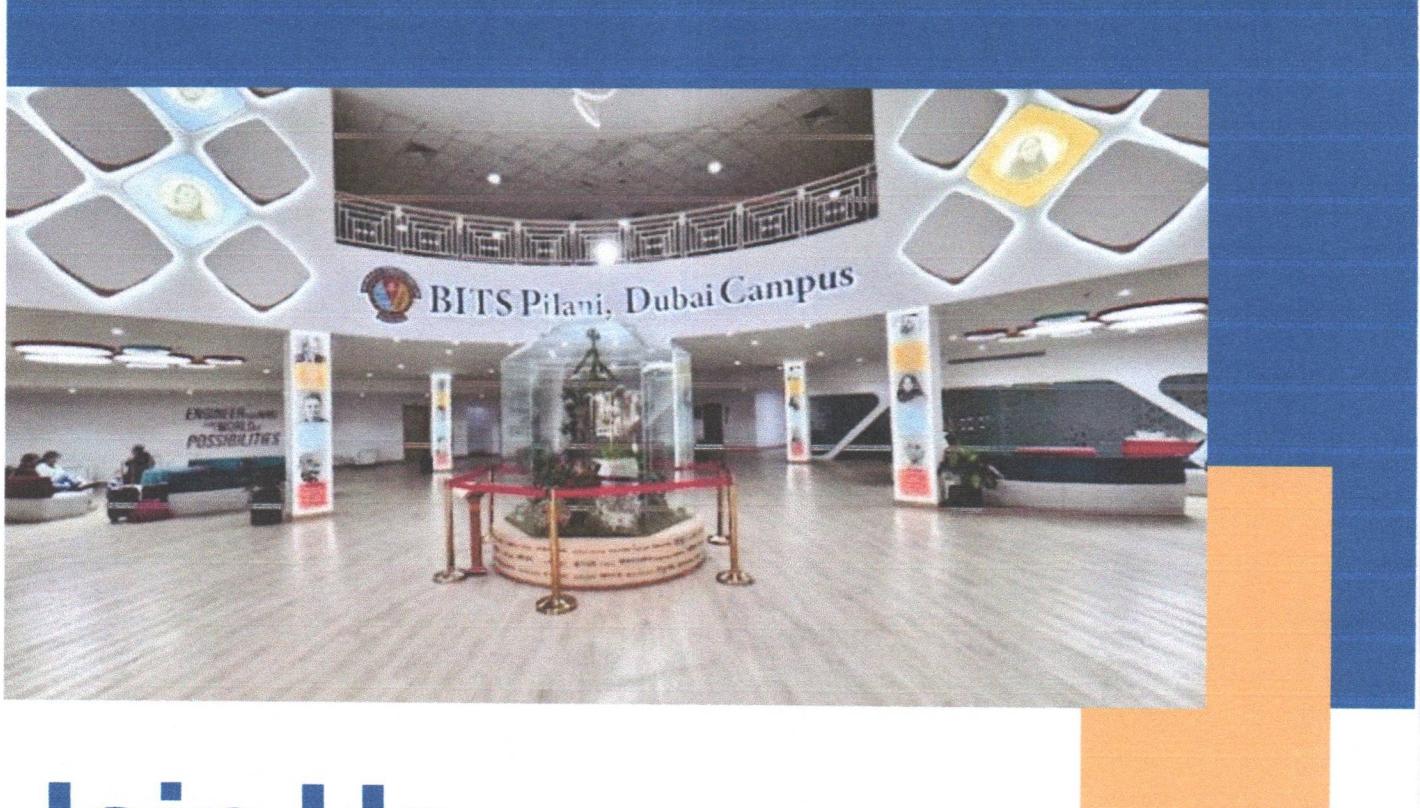
OBJECTIVES

The objective of Robolution Dubai 2025 is to engage in hands-on workshops, expert-led training, and global networking.

- To showcase global talent in robotics and automation and provide a platform for students, educators, and professionals to present innovative robotic and AI-based projects that address real-world challenges.
- To foster cross-cultural collaboration and exchange and unite participants from different countries to collaborate, share knowledge, and build lasting international partnerships in science and technology.
- To elevate technical skills through hands-on training and conduct intensive workshops and training camps focusing on robotics, automation, AI, cybersecurity, and emerging technologies.
- To promote research, innovation, and entrepreneurship and encourage participants to pursue research-driven solutions and explore the commercialization potential of their projects.
- To recognize excellence through fair and high-stakes competition and organize rigorous, multi-category competitions judged by experts, rewarding creativity, functionality, technical execution, and impact.
- To connect participants with industry leaders and opportunities and facilitate networking with global experts, companies, and institutions to open doors for mentorship, internships, academic collaboration, and career advancement.
- To expand the global footprint of Robolution and Erovoutika and strengthen Robolution's presence in the Middle East, marking its UAE debut as a milestone for future international partnerships and expansions.
- To inspire the next generation of tech leaders and changemakers and empower young minds through exposure to cutting-edge technology and global challenges, nurturing passion and leadership in STEM fields.

ROBOLUTION DUBAI 2025





Join Us.

Who Can Participate?

- Teachers & Faculty Members (Elementary to College – all disciplines) from around the world
- Coaches & Mentors specializing in Robotics & Automation from international institutions
- Private & Government Employees (from staff to administrative and technical positions)
- Students currently enrolled in public and private schools, from elementary to tertiary levels
- Erovoutika's Industry & Academic Partners globally
- All awardees Robolution Dubai 2025, and all Erovoutika's alumni
- All Winners of Regional and National Robolution

What to Expect?

- ✓ Prestigious International Awards recognizing outstanding contributions from educators, industry leaders, and institutional partners
- ✓ Competitive Tournaments following expert-led training camps and workshops in robotics and automation
- ✓ Hands-On Workshops to develop advanced skills in robotics, research, and innovation
- ✓ Project Showcases highlighting cutting-edge research and innovative solutions by participants
- ✓ Global Networking Opportunities with leading professionals, educators, and innovators across the robotics and automation sectors

ROBOLUTION DUBAI 2026





Competition Categories

1) Erovouthon Category - Teachers Division & Students Division - (Onsite & Online)

This category invites teachers and industry practitioners (elementary through college) to form teams of 2–5 members, representing their schools or organizations. Using Erovoutika's proprietary robotics and automation kits, each team will develop and demonstrate research-driven projects that solve real-world problems. The competition culminates in a live tournament where participants showcase the skills and insights gained during the preparatory training camp, driving innovation in educational practice.

2) Freestyle (Research & Innovation Projects) Category - Students Division (All Ages) - Onsite & Online

Elementary to college students form teams of 2–5 members to present an innovative prototype that addresses a specific challenge. Each team delivers a 5-minute pitch to a panel of expert judges and complements their presentation with a professional roll-up poster detailing their project's objectives, methodology, key features, and real-world applications.

3) Erobot Line Following Category v1 & v3 (Open Category) Students Division (All Ages)- Onsite

Teams (2–5 members) will compete using the Erovoutika E-Robot platform—except in the open-build v3 subcategory, where teams may design their robot pending Erovoutika approval. Each robot must autonomously navigate a predefined track, with performance measured by the fastest lap time. Teams receive three attempts; only their best time counts toward the final ranking.

4) EMiniSumo v3 (Open) Category Students Division (All ages) - Onsite

Teams of 2–5 students design and build a mini-sumo robot—subject to prior approval—to compete in one-on-one ring battles. Robots must fit within a 10 cm × 10 cm footprint, weigh no more than 500 g, and include a referee-controlled start/stop module. Matches continue until one robot forces its opponent out of the ring or reaches a time limit.



Competition Categories

5) ESoccerbot Students Division (All ages) - Onsite

- Each team, consisting of 2 to 5 members, will participate using the Erovoutika E-Robot Kit, which is part of the official training package. This kit is designed for building a mobile-controlled SoccerBot, enabling participants to learn hands-on robotics assembly and programming. The robot is controlled via Bluetooth using a mobile phone or a compatible remote-control interface, making it ideal for real-time competition and skill development. The robot to be used is Erovoutika Robot (Erobot v1)

6) AI Robotics - Humanoid Robot Challenge - Onsite

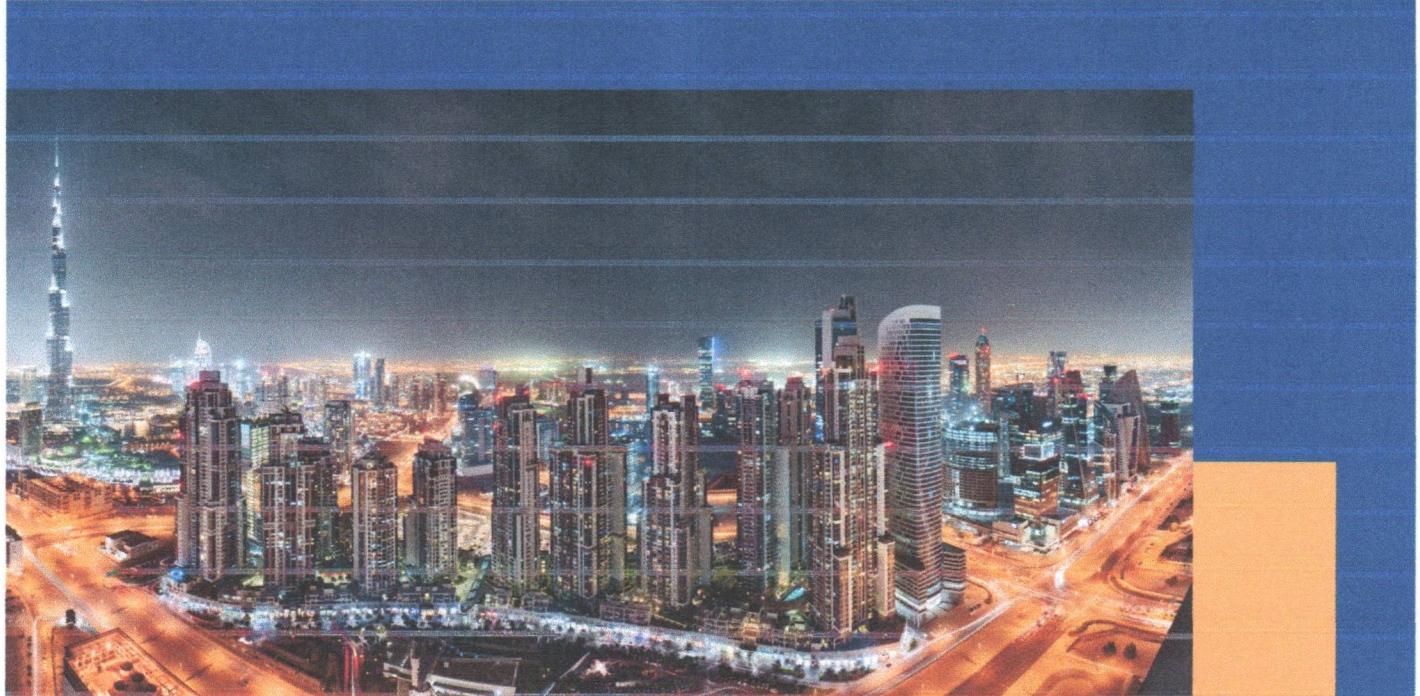
- Each participating team must be composed of 2 to 5 members. Teams are required to present their own humanoid robot as the main entry for the competition. The humanoid robot should be capable of executing a specific task that integrates Artificial Intelligence (AI). Examples may include decision-making, adaptive responses, or interactive functions. To further highlight innovation, the robot must showcase AI-powered applications such as image processing or computer vision, enabling it to detect, recognize, or respond to its surroundings intelligently.

7) ERO Quiz Bee - Onsite

- Each team must consist of 2 to 3 members. High school teams and college teams will be ranked separately to ensure fair competition; however, all participants will answer the same set of questions. The questions may cover a wide range of topics, including Electronics, Programming, Artificial Intelligence, Robotics, and Automation.

8) Erobot Sumo - Onsite

- Robots must follow the official specifications, with a maximum weight of 1 kg and dimensions not exceeding 20×20 cm (reference: shop.erovoutika.ph). During each match, robots begin inside their designated starting squares. The competition follows a best-of-three format, with each round lasting two minutes. A round is won when a robot successfully pushes its opponent out of the ring—an “out” is declared the moment any wheel of the opposing sumobot touches the area outside the arena. The robot to be used is Erovoutika Robot (Erobot v1)



Registration Fee:

Option #4 - 100 USD per head

Online Competition

Registration Form:

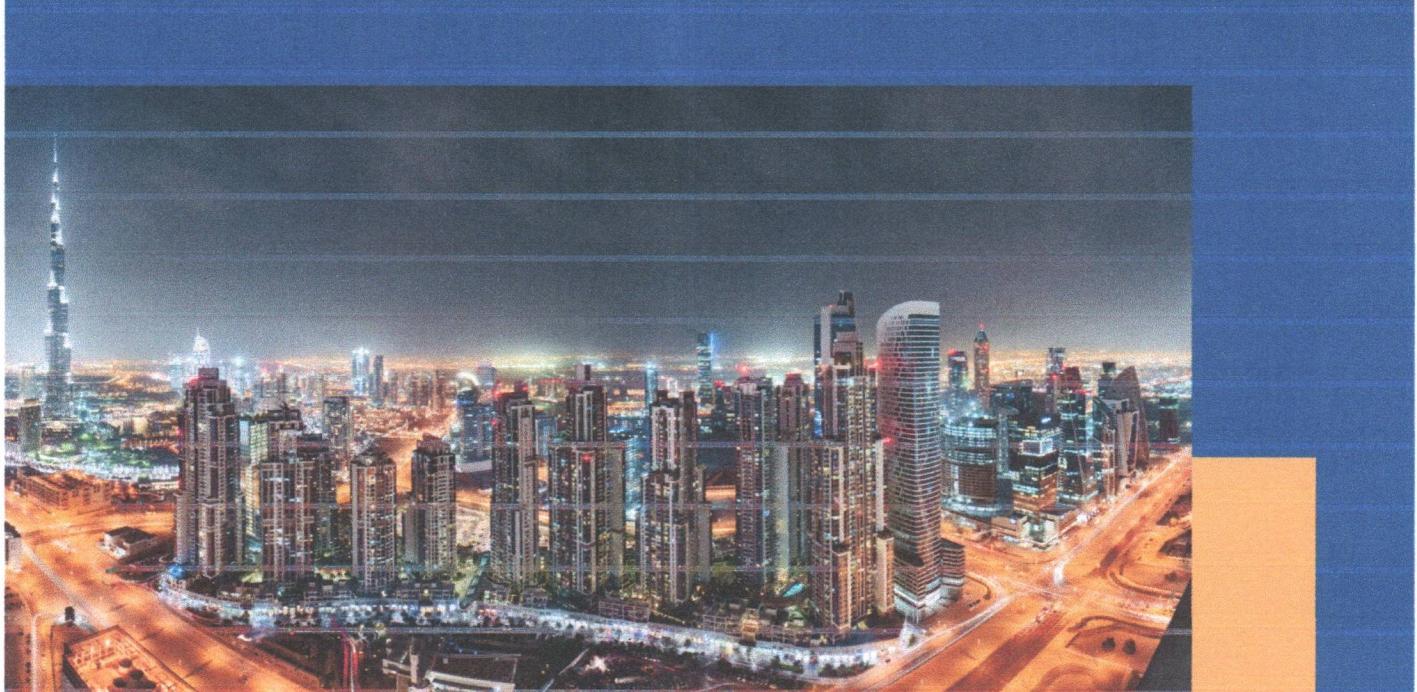
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ROBOLUTION DUBAI 2026





Registration Fee:

ROBOLUTION DUBAI 2026

Package Deal for Dubai

PhP95,000 applicable for one PARTICIPANT

PhP75,000 plus for the accompanying COACH or PARENT

4 DAYS 3 NIGHTS

Registration Flight Ticket Breakfast & Lunch Visa Hotel Tour

promo valid until Jan 30 2026!

STARADUST UBX U-BIX CORPORATION MANILA BULLETIN BITS Pilani Dubai Campus Fibonacci

Visa application support for Dubai, UAE is also available through our partner.
Registration link: <https://forms.gle/yRwZHBnUkC4NuTuV9>

ROBOLUTION DUBAI 2026





Awards

- International Robotics Coach of the Year
- International Robotics Club of the Year
- Global Excellence in Robotics & Automation Education Award
- Global Young Innovator Award
- SPECIAL AWARDS
- AWARDING OF PARTNERS



ROBOLUTION DUBAI 2026



PROGRAM - DAY 1

TECH TALK - APRIL 25, 2026

8:30 AM Registration

9:00 AM Opening Remarks
Guests Acknowledgement
MOA Signing
eROBOLUTION RAMPS

9:30 AM Partner's Talk

12:00 PM Lunch

1:00 PM Exhibitor's Talk

4:00 PM End of Session

**ROBOTICS &
AUTOMATION**

ROBOLUTION DUBAI 2026



 **Fibonacci**
International Group

 **EROVOOUTIKA**
Robotics and Automation Solutions



PROGRAM - DAY 1

EROBOLUTION RAMPS - APRIL 25, 2026

**9:00 AM - 10:30 AM
(1:00 PM PHT - 2:30 PHT)**

MATHEMATICS
ROBOTICS & AI (ROBOSIM)

**10:30 AM - 12:00 PM)
(2:30 PHT - 4:00 PM)**

BIOLOGY
EROBOT CHALLENGE

**1:00 PM - 2:30 PM
(5:00 PM PHT - 6:30 PM PHT)**

PHYSICS
CHEMISTRY

**1:00 PM - 3:00 PM
(5:00 PM PHT - 7:00 PM PHT)**

PYTHON PROGRAMMING

**ROBOTICS &
AUTOMATION**



ROBOLUTION DUBAI 2026

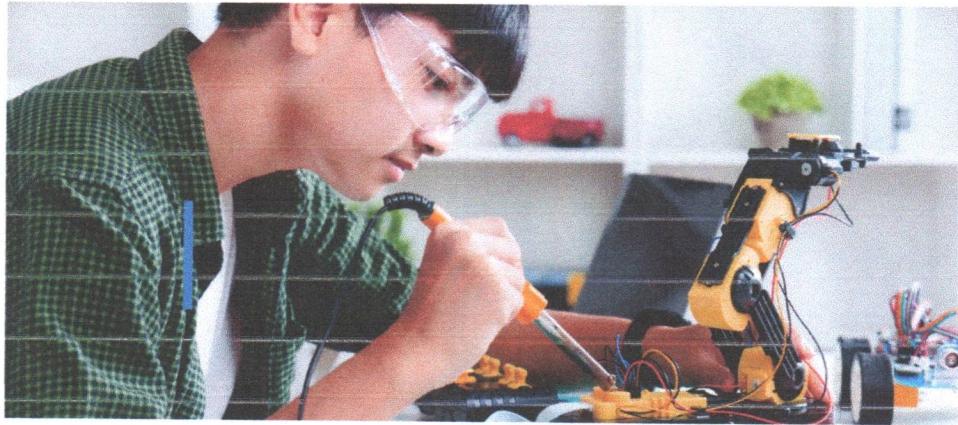
 **Fibonacci**
International Robotics Impact

 **EROVOUTIKA**
Robotics and Automation Solutions



PROGRAM - DAY 1

WORKSHOP & TOURNAMENT - APRIL 25, 2026



ROBOTICS & AUTOMATION

12:00 PM Lunch

1:00 PM Hands-on Programming & Wiring
Erobot Kit

3:00 PM Presentation of the robot
Calibration & Testing

4:00 PM End of Session

RESEARCH & INNOVATION

Lunch

Research & Innovation Projects
Demonstrations
Erovoutika R & D kit

Presentation of the output
Calibration & Testing

End of Session

ROBOTICS & AUTOMATION

ROBOLUTION DUBAI 2026

 **Fibonacci**
International Robot Olympiad

 **EROVOUTIKA**
Robotics and Automation Solutions



PROGRAM - DAY 2

WORKSHOP & TOURNAMENT - APRIL 26, 2026

ROBOTICS & AUTOMATION

8:30 AM Registration

9:30 AM Hands-on Programming & Wiring Robotics

10:30 AM Tournament

12:00 PM Lunch

RESEARCH & INNOVATION

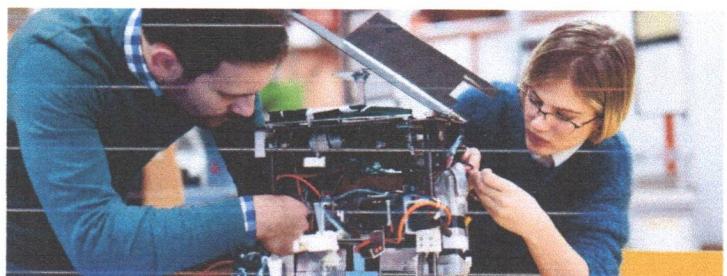
Registration

Research & Innovation
Erovoutika R & D kit - Wiring and Programming

Tournament

Lunch

ROBOTICS & AUTOMATION



ROBOLUTION DUBAI 2026

 **Fibonacci**
International Robot Olympiad

 **EROVOUTIKA**
Robotics and Automation Solutions



PROGRAM- DAY 1

COMPETITION APRIL 25, 2026

8:30 AM Registration

9:30 AM Freestyle Category - Online Competition
Freestyle Category - Exhibit
Ero Quiz Bee

12:00 PM Lunch

1:00 PM Erobot v1 & Erobot v3 Line following (open category)
Eminisumo v3 (Open Category)
Freestyle Category (Onsite)

4:00 PM End Session

**ROBOLUTION
COMPETITION**

ROBOLUTION DUBAI 2026



 **Fibonacci**
International Robot Olympiad

 **EROVOOUTIKA**
Robotics and Automation Solutions



PROGRAM- DAY 2

COMPETITION & AWARDING - APRIL 26, 2026

8:30 AM

Registration

9:30 AM

Humanoid AI Challenge
Erovouthon
ESoccerbot
Erobot Sumo

12:00 PM

Lunch

1:00 PM

Awarding & Recognition

5:00 PM

Closing Remarks

**ROBOLUTION
COMPETITION &
AWARDING**

ROBOLUTION DUBAI 2026



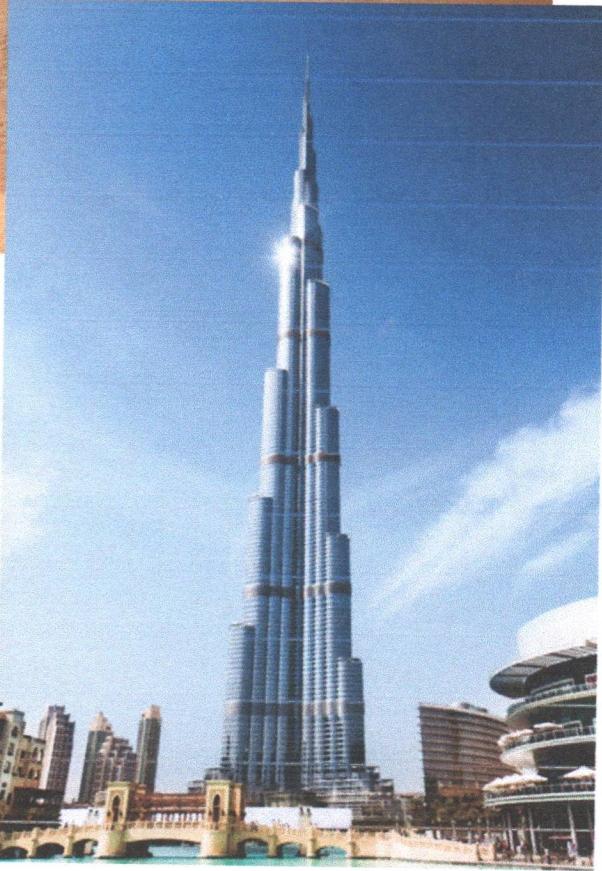
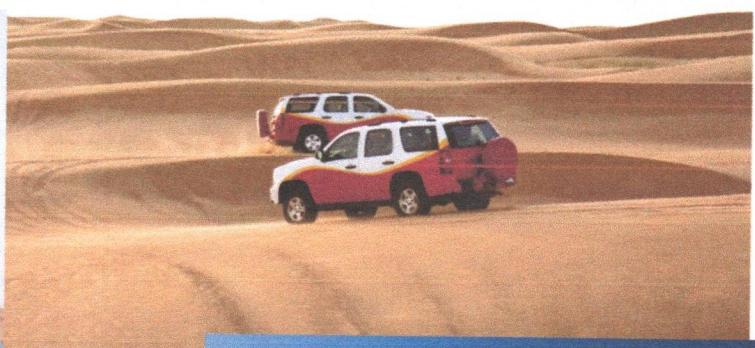
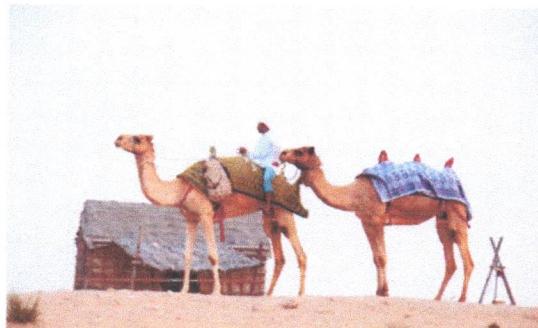
 **Fibonacci**
International Robot Olympiad

 **EROVOUTIKA**
Robotics and Automation Solutions



PROGRAM- DAY 4 TOUR

9:00 AM Tour



**DUBAI
TOUR**

ROBOLUTION DUBAI 2026

 **Fibonacci**
International Robot Olympiad

 **EVOVOUTIKA**
Robotics and Automation Solutions



ROBOLUTION & FIBONACCI GALLERY

Robolution Philippines: Robotics and Automation Competition



Fibonacci International Robotics Olympiad in Turkey, and Rome Italy



ROBOTICS COMPETITION GALLERY

ROBOLUTION DUBAI 2026

 **Fibonacci**
International Robot Olympiad

 **EROVOUTIKA**
Robotics and Automation Solutions



2025-2026

Join Us!



BITS Pilani
Dubai Campus

ROBOLUTION DUBAI 2026

APRIL 25-27, 2026



YEARS OF EXCELLENCE

