4.3.1 Public Resources (Lifelong Learning)

The Arab Academy for Science, Technology & Maritime Transport (AASTMT) supports lifelong learning by providing individuals who are not enrolled at the Academy with **free educational opportunities** through three areas: **courses and programs leading to certificates or awards, access to campus facilities and equipment, and online educational resources**.
During 2024–2025, AASTMT's academic colleges, student societies, Industry Service Complex and Technical and Vocational Institute delivered practical workshops, professional training and scholarship initiatives for schoolchildren, external learners, professionals and refugees. Cooperation with Caritas Egypt and support from partners including UNHCR, the International Labour Organization, GIZ, the European Union and Caritas Austria extended these opportunities to underserved communities. The examples below describe this provision and include links to supporting evidence.

Free Courses Leading to Certificate or Award:

AASTMT offers **free workshops and training programs leading to participation certificates or awards**, covering artificial intelligence, programming, robotics, electronics and professional skills. Examples include **four free AI workshops offering participation certificates**, organized with Bibliotheca Alexandrina; the Kidzineers electronics workshop, which welcomed **40 children aged 8–10**; and the Electrical and Control Engineering Summer Camp, comprising **four practical workshops with participation certificates**. In addition, the Industry Service Complex delivered **five digital transformation courses for 60 trainees** between February and April 2025, in cooperation with Caritas Egypt and with International Labour Organization funding.

Free Access to Campus Facilities and Equipment:

AASTMT provides external learners with opportunities to use libraries, laboratories, computer facilities and specialist training equipment through organized educational activities and established access arrangements. Its Libraries & Information Services Center reports **12 branches**, with collections including **more than 90,000 printed books, access to over 223,000 electronic journals and 150,000 e-books**. Laboratory workshops and school camps introduce participants to engineering, renewable energy, robotics and industrial technologies through practical learning. External library visitors are required to submit an official request from their institution or organization; access to individual resources depends on the applicable arrangements.

Free Access to Online Resources:

AASTMT provides **free public access** to selected academic publications, recorded lectures, programming tutorials and entrepreneurship training. Its open-access collection includes **31,710 resources**, among them theses, dissertations and graduation projects. The AAST E-Learning channel reports **99 videos and more than 240,000 cumulative views**, while the Robotak initiative reports **over 32,600 subscribers** and supports programming and robotics education for learners aged **7–17**. These figures reflect cumulative reach across reporting periods. Subscribed academic databases remain subject to their access requirements. Through its partnership with UNESCO's Regional Office for Egypt and Sudan, AASTMT also supports

women pursuing careers in science through the **Arab Women in Science (AWSci) platform**. The platform offers peer mentorship and coaching, and its Community Knowledge Bank gives registered members access to scientific publications. AASTMT expanded its campus learning facilities with the **AASTMT–Fortinet Information Security Laboratory**, it is a free public access , The laboratory provides a practical cybersecurity environment for incident response exercises and simulated cyberattacks.

Reporting-period clarification: Activities dated October–December 2025 and the April 2026 laboratory inauguration are retained as contextual evidence but fall outside a reporting period ending in September 2025. Their inclusion in the assessed period requires confirmation of the applicable reporting dates. Announced or scheduled workshops should not be counted as completed solely on the basis of an announcement.

Free Courses Leading to Certificate or Award

IEEExMSI Typing Marathon 2

Date: June 1, 2025

IEEE AAST Alex SB announced the winners of the second IEEExMSI Typing Marathon, a competition that tested focus and typing speed. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

Prelim Stage of IEEE-YESIST12-2025

Date: May 8, 2025

The preliminary stage of IEEE YESIST12 2025 was held at the College of Engineering and Technology, AASTMT Abu Qir campus. The program included invited talks and project presentations and concluded with a closing ceremony and the announcement of winners. Participating projects addressed areas including smart agriculture, solar panel cleaning, robotics and water treatment. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**

Artificial Intelligence Applications Workshop Series (4 Scheduled Workshops)

Date: April 27, 2025

The Arab Academy for Science, Technology and Maritime Transport (AASTMT), in cooperation with Bibliotheca Alexandrina, launched a series of four scheduled workshops on April 27, 2025, with workshops scheduled during May–August 2025 under the theme "Double Productivity in the Age of Artificial Intelligence." All four workshops were completely free and offered participation certificates accredited by Bibliotheca Alexandrina. The series addressed practical AI applications in entrepreneurship, education, media and English language skills, supporting lifelong learning and the development of digital skills. The workshops included interactive, hands-on activities, with participants required to bring personal laptops for practical exercises.



Website Link, Free Registration and Workshop Information, Announcement



Facebook post, Website Link

Hands on Electronics for Kidzineers

Date: December 19, 2024

The IEEE HKN Mu Beta Chapter at AASTMT organized the Hands-on Electronics for Kidzineers workshop at the College of Engineering and Technology, Abu Qir campus, supported by the IEEE Region 8 PEA Local Language Program. The workshop welcomed 40 children aged 8–10 from Pioneers International School, American Division, together with their teachers. Practical activities introduced electronics and engineering and encouraged an interest in STEM. **The event concluded with the awarding of participation certificates to all participants. Participation was completely free.**



Facebook post, AASTMT News, Website Link

REEPE 2025 Conference

Date: April 8, 2025

AASTMT's College of Engineering and Technology, Heliopolis campus, hosted the Egyptian venue of the seventh International Youth Conference on Radio Electronics, Electrical and Power Engineering, IEEE REEPE 2025. The opening program welcomed Prof. Ismail Abdel Ghaffar, President of AASTMT. The submitted event account also describes conference discussions and an energy learning session using virtual reality. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Opening ceremony, Discussions, PES x Ventus Academy session, Official Opening Program

CAMP Engineering Workshops

Date: Not specified in the event post

The IEEE AAST Cairo Student Branch offered hands-on sessions in circuits, Arduino, mechanical design and Python, so participants could try different engineering fields and find the one that suits them. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Announcement, Circuits and Python, Mechanical design and Arduino

CTF Track

Date: May 25, 2025

A capture-the-flag track held from May 25 to May 29, 2025, introduced ethical hacking. Day 1 covered Kali Linux and x86_64 assembly, and Days 3 and 4 covered web penetration testing and cryptography, with participants exploring real vulnerabilities. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**

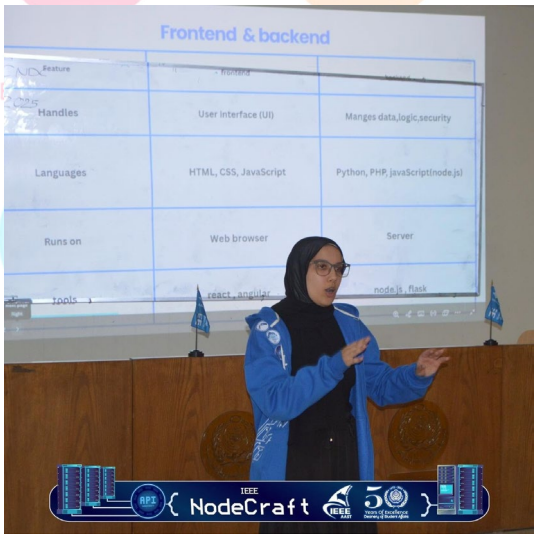


Day 1, Days 3 and 4, Official Event Calendar

NodeCraft: From Foundations to Functionality

Date: May 4, 2025

A backend development course run by IEEE AAST Alex SB from May 4 to May 7, 2025. Day 1 began with what backend development is and introduced core concepts such as servers and APIs; the post covers days 1 and 2. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

RZTH: TrackMate Edition

Date: April 22, 2025

Held from April 22 to April 24, 2025, after two days of workshop sessions, RZTH: TrackMate Edition moved to a competition with prizes provided by a partner. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

Blender and Unity Workshop

Date: March 16, 2025

A five-day workshop on 3D modelling and game development. Days 1 and 2 covered Blender fundamentals, and Days 3 to 5 were planned to bring models and characters to life in the Unity game engine. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

Cloudify

Date: February 23, 2025

The IEEE AAST Alexandria Student Branch offered a cloud computing course from February 23 to February 25, 2025. The third day introduced practical work with Amazon Web Services and cloud computing fundamentals. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

X-Coders: Team Forge

Date: December 1, 2024

The IEEE AAST Student Branch, in cooperation with the AAST Competitive Programming Club, organized X-Coders Team Forge, a team competition introducing participants to programming and collaborative problem solving. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Facebook post, Official Event Calendar

Cyber Security Competition 2025

Date: May 15, 2025

Context record: institutional, student or community activity

The Marine and Offshore Engineering Department at the College of Engineering and Technology, in collaboration with the Academy's Network and Computer Center, the Norwegian classification society Det Norske Veritas (DNV), the French classification society

Bureau Veritas (BV), and with the support of the global student chapters of the Marine Technology Society (MTS) and The Institute of Marine Engineering, Science and Technology (IMarEST) , successfully organized the second edition of the competition: "Marine and Offshore Cyber Security" The Network and Computer Center provided training to the participants on cybersecurity and defense against cyber-attacks, along with hands-on practical training for the students. . **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Evidence: AASTMT News

Leading Your Career Conference

Date: September 25, 2025

The Cultural and Social Activities Department at AASTMT Abu Qir, in cooperation with the IEEE AAST Alexandria Student Branch, organized the Leading Your Career conference. Workshops and discussions introduced career planning, professional CV preparation and skills for entering the job market. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Pictures, Day 2 pictures, Official Event Calendar

Robotics Workshop 2025

Date: February 9, 2025

The Regional Informatics Center at AASTMT advertised a five-day robotics workshop, with three hours of training per day, covering Python, OpenCV and Webots simulation. Participants were to build and program a robot to solve an obstacle maze in preparation for the RoboCupJunior Egypt 2025 Rescue Maze Simulation competition. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Website Link

Computational Geometry Workshop

Date: April 3, 2025

The Competitive Programming Club at AASTMT hosted an advanced computational geometry workshop, presented by Prof. Dr. Ossama Ismail. The workshop covered the Shoelace Theorem, the Curve Rotation Method and problem-solving exercises including Point in Polygon and Closest Pair. Cash prizes were awarded to two winners. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Event announcement

Google Cloud Data Analytics Certification Study Group

Date: April 30, 2025

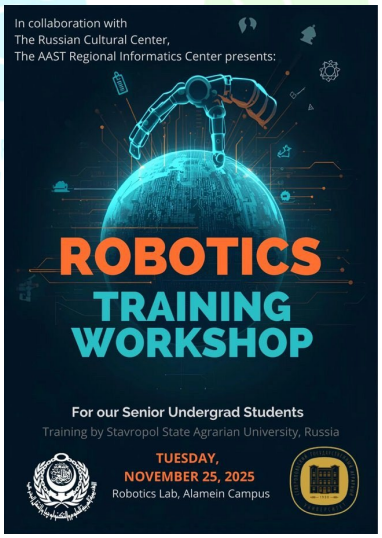
The first session of a certification study group covered Introduction to Data Analytics on Google Cloud. The group offered explanations beyond the standard course material, space for questions and discussion, and study strategies for the certification. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Free Robotics Training with the Russian Cultural Center

Date: November 25, 2025

The Regional Informatics Center and the Russian Cultural Center offered a free four-hour robotics training session in the AI Robotics Lab at the Alamein Campus. The trainer came from Stavropol State Agrarian University in Russia, and participants received certificates of attendance from the Russian Cultural Center.



Event announcement

Cybersecurity Fundamentals Session

Date: October 26, 2025

Eng. Mahmoud El Sobky, Managing Director of Redforce and former Assistant Manager at the Egyptian Computer Emergency Readiness Team (EG-CERT), delivered an introductory session for beginners and for participants looking to expand their expertise. **Participation was completely free. The event concluded with the awarding of participation certificates to all attendees.**



Event announcement

Electrical and Control Engineering Summer Camp

Date: August 12, 2025

The Electrical and Control Engineering Department at the College of Engineering and Technology, AASTMT Abu Qir campus, organized a two-day summer camp for school students on August 12–13, 2025. The program included four practical workshops: "Build Your Own Electric Magic" in the Electrical Circuits Lab; "You Can Move Things Without Touching Them!" on electromagnetism; "Save the Earth! Towards Sustainable Clean Energy" in the Renewable Energy Lab; and "A Journey into Industry!" in the Industrial Control Lab. Activities introduced electrical circuits, magnetic forces, renewable energy and industrial control through hands-on experiments, followed by a practical challenge. **Participation was free of charge,The camp concluded with the awarding of participation certificates to participating school students.**



Website Link

Engineering Summer Camps for School Students

Date: August 2025

Type: On-Programmed Basis

The College of Engineering and Technology hosted summer camps for school students. The Marine and Offshore Engineering camp introduced the field's role in energy, shipping and marine structures, with laboratory tours and demonstrations of ROV systems and miniature marine units. The Electrical and Control Engineering camp gave students hands-on challenges, and the Marine department also held an online introductory seminar with faculty, students, recent graduates and industry guests. **Participation was free of charge. The camp concluded with the awarding of participation certificates to participating school students.**



Evidence: AASTMT News (marine camp); AASTMT News (electrical camp); AASTMT News (online seminar)

The Occupational Safety and Health Training for 43 Sudanese Participants

Date: March 11, 2024

The final day of an occupational safety and health training program took place for 43 Sudanese participants. AASTMT organized it with Caritas Egypt, and GIZ funded it. The training built participants' skills in workplace safety management, risk assessment and emergency preparedness.



Evidence: AASTMT News search

Memorandum of Understanding with Caritas Egypt for Refugee Training

Date: April 29, 2024

The Industry Service Complex (Institute for Technical and Vocational Studies) and Caritas Egypt signed a memorandum of understanding to offer training courses to refugees. The Academy's President, the Complex's dean, the Institute's director and Caritas Egypt representatives attended the signing. The agreement links the Academy's technical and vocational training to support for vulnerable communities.



Evidence: AASTMT News search

“Bridge of Hope”: AASTMT and UNHCR Scholarships for Refugees

Date: June 10, 2024

AASTMT and the United Nations High Commissioner for Refugees (UNHCR) launched the joint initiative “Bridge of Hope”, which offers refugees scholarships to earn a bachelor's degree. The launch ceremony was attended by the Saudi Consul General in Alexandria and by representatives of UNHCR's Cairo regional office, the European Commission, the Italian and French development agencies, the Swiss Agency for Development and Cooperation and the European Bank for Reconstruction and Development, among others.



Evidence: AASTMT News search

Electrical Maintenance Course with Caritas Egypt, Funded by the United Nations and Caritas Austria

Date: July 10, 2024

The Industry Service Complex began an electrical maintenance course with Caritas, funded by the United Nations and Caritas Austria. The course builds technical and practical skills in electrical maintenance through hands-on training and sessions led by experts, to prepare trainees for industrial workplaces.



Evidence: AASTMT News search

Caritas Delegation Visit to the Refugee Training Programs

Date: July 21, 2024

A Caritas Austria project manager and a delegation from Caritas Egypt visited the Industry Service Complex to inspect its training of Sudanese refugees and other refugee groups in electricity, automotive mechanics, and refrigeration and air conditioning. The visit followed the memorandum of understanding between the Complex and Caritas Egypt, and the Complex's dean, the manager of the Technical and Vocational Institute and the head of the Training Department received the delegation.



Evidence: AASTMT News search

Final Day of the First Small and Medium Enterprises Course with Caritas Egypt

Date: March 2, 2025

The first Small and Medium Enterprises (SME) course, run with Caritas Egypt and funded by a grant from the International Labour Organization (ILO), reached its final day.



Evidence: AASTMT News search

Caritas Egypt Courses at the Industry Service Complex Workshops

Date: April 22–27, 2025

The Industry Service Complex hosted three sets of courses with Caritas Egypt in April 2025: the second group of the Automotive Fault Diagnosis course, the first group of the Industrial Electrical Maintenance course, and electrical maintenance courses for factories. Caritas Austria funded them, and the factory courses belong to its Learning and Employment Opportunities Project for refugees, asylum seekers and migrant youth in Egypt.





Evidence: AASTMT News search (automotive); AASTMT News search (electrical maintenance); AASTMT News search (factory courses)

Digital Transformation Program for Small and Medium Enterprises

Date: April 29, 2025

Under the memorandum of understanding between the Industry Service Complex and Caritas Egypt, the Complex completed a Digital Transformation Program for small and medium enterprises. From February to April 2025 it ran five training courses for 60 trainees, funded by an ILO grant.



Evidence: AASTMT News search

Solar Energy Course with Caritas Egypt under the “Hand in Hand” Project

Date: June 3–18, 2025

The Industry Service Complex ran a solar energy course with Caritas Egypt, sponsored by the European Union under the “Hand in Hand” project. Trainees worked in the Complex's workshops and took part in practical training sessions in June 2025.





Evidence: AASTMT News search (course); AASTMT News search (practical training)

Graduation of 280 Trainees in the UNHCR Skills Development for Livelihoods Project

Date: December 4–23, 2025

AASTMT held three graduation ceremonies under the “Skills Development for Livelihoods” project, run with UNHCR: 126 trainees on December 4, 98 on December 17 and 56 on December 23. The Industry Service Complex implemented the project through the Technical and Vocational Institute and used the workshops and laboratories of the Abu Qir campus to teach welding, electrical work, occupational safety and automotive mechanics. UNHCR officials attended, speeches were given on behalf of the Academy's President, and each day ended with a job fair that connected graduates with employers.






Evidence: AASTMT News search (126 trainees); AASTMT News search (98 trainees); AASTMT News search (56 trainees)

Free Access to Campus Facilities and Equipment

The AASTMT Libraries & Information Services Centre

The AASTMT boasts an impressive library network comprising 12 branches, housing a vast collection of academic resources, including over 90,000 printed books, access to more than 223,000 e-journals, and a digital library featuring 150,000 e-books. The Libraries & Information Services Center serves the AASTMT academic community in all its locations. With its 12 branch Libraries, The Library fulfills the academic and research needs of both students and teaching staff.

The Libraries & Information Services Center at AASTMT play a major role in supporting educational activities and enriching academic life. The Center serves the academics in Egypt, at Abu-Qir main campus in Alexandria, there is the Main Library, the Architecture Library, and the Maritime Library. AT Miami campus in Alexandria, there is the Management Library and the Graduate School of Business Library. At Sheraton campus in Cairo, there is the Engineering Library, the Graduate School of Business Library, and the Management & Logistics Library. At Dokki premises in Cairo, there is the Management & Logistics Library. There is one main library at Port Said Campus, at the Smart Village premises, at Wabour Elmaya premises, and at Ganoub Elwadi camps. There are libraries at Latakia - Syrian Arab Republic branch and Alamein branch.

All these libraries are interconnected through online interactive terminals, ensuring seamless access to the center's in-house database. To provide a high-quality information service, the Center has established an integrated information system that simplifies direct searches through a computerized catalog and electronic databases. AASTMT's Libraries & Information Services Center offers free online access to its services through its website, guaranteeing convenient access for the public.



Library information and services on the AASTMT page
AASTMT scientific research on the AASTMT page

The public have open access to digital material including books, research, thesis, and E-Journals

Open Access Link



In case of physical visits to the library, the outside visitors shall present an official letter from educational institutes, industrial organizations, etc., addressed to AASTMT requesting to visit a library branch where they can copy the documents, they accessed on line.

Campuses facilities

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) opens selected laboratories and campus facilities to school students, university learners and community

participants through training, workshops and competitions. In **2025**, AASTMT supported educational activities involving **thousands of participants from Egypt and abroad**. A flagship example was the **Egyptian Collegiate Programming Contest (ECPC 2025)**, organized by AASTMT's Regional Informatics Center, which reported **8,000 students across 2,000 teams representing 119 universities and institutes** throughout Egypt. The competition concluded with a closing ceremony at the **Abu Qir campus on August 9, 2025**. AASTMT also hosted **ICMISI 2025**, involving participants from **25 countries**, alongside an exhibition showcasing environmental technology projects by university and school students. Further opportunities included **RoboCup Egypt 2025**, the **MATE Egypt ROV Regional Competition**, and engineering summer camps that enabled school students to explore robotics, electrical circuits, renewable energy and industrial control through practical activities. These initiatives extend access to AASTMT's technical facilities and support programming, engineering and problem-solving skills among learners beyond its enrolled student population.

Among the educational events supported by AASTMT's campus facilities, the following are notable examples:

Arab Collegiate Programming Championship (ACPC) 2024 Finals

Date: December 8–15, 2024
Type: Ad-hoc

Members of the AAST Competitive Programming Club represented the Academy at the ACPC 2024, where they met AASTMT President Prof. Ismail Abdel Ghafar, who supported the team at the event. Teams then travelled to Luxor, Egypt, for the ACPC finals.





Evidence: Event announcement (1); Event announcement (2)

The 14th International Maritime and Logistics Conference (MARLOG 2025)

Date: February 23–25, 2025

The Academy held its 14th International Maritime and Logistics Conference in Alexandria under the theme "Artificial Intelligence Implementations – Towards Shaping the Future of the Digital World". Keynotes, panels and scientific sessions covered digital transformation, port management and current issues in maritime transport. The conference drew about 700 attendees from 31 countries, presented 41 research papers and 53 addresses, and hosted an accompanying exhibition with more than 25 firms.



Evidence: AASTMT News (closing); AASTMT News (opening); AASTMT News (RMSI participation)

The 7th International Youth Conference on Radio Electronics, Electrical and Power Engineering (IEEE REEPE 2025)

Date: April 8–11, 2025

The College of Engineering and Technology at the Heliopolis campus hosted the IEEE REEPE 2025 conference, held at the same time in Cairo, at the Moscow Power Engineering Institute in Russia and at the American University of Sharjah. Engineers, industry experts and young researchers discussed electrical power and energy, signal processing, computer, nuclear and mechanical engineering.



Evidence: AASTMT News

FRC Bowling Ball Competition 2025

Date: April 29, 2025
Type: On-Programmed Basis

The ACI AASTMT team took part in the annual FRC Bowling Ball Competition, where teams crafted bowling balls. A follow-up post thanked the teams that brought energy, creativity and engineering skill to the event. The group photograph shows roughly 90 participants.



Evidence: Facebook post 1; Facebook post 2

RIC organizes the following programmed and ad-hoc events:

Date: November 10 – November 15, 2025
Type: On-Programmed Basis

The Beaver Challenge is an international initiative that encourages students of all ages to explore informatics and develop computational thinking. Held in more than 50 countries and attracting approximately 3 million participants, it introduces students to computing through 12 questions focused on logical reasoning and computational skills, which they must complete within 45 minutes. In Egypt, the competition drew 85,000 students from every governorate of the Republic, ranging from the third grade of primary school to the third year of secondary school. The Egyptian competition was sponsored by MCIT Egypt and AASTMT.



Evidence: Beaver Egypt webpage, Beaver Egypt Info Page

Egyptian Team Selection Rounds for the International Olympiad in Informatics (IOI) 2025

Date: January 24–25, 2025
Type: On-Programmed Basis

The Egyptian Olympiad in Informatics held selection rounds to choose Egypt's team for IOI 2025 in Bolivia. The first two rounds ran online on Codeforces on January 24–25, 2025 and were open to all participants. Qualifiers moved on to onsite rounds, after which the top 20 candidates received intensive training and the top four were selected to represent Egypt.



Evidence: Event announcement

Kickoff of the 2025 MATE Egypt ROV Competition

Date: January 2025
Type: On-Programmed Basis

The 2025 MATE Egypt ROV Competition opened with a kickoff session that brought participants together to brainstorm concepts and begin hands-on engineering of underwater robots.



Evidence: Event announcement

AAST Port Said Robotics Winter Camp 2025

Date: February 6, 2025
Type: Ad-hoc

The Regional Informatics Center hosted a week-long robotics winter camp at the AAST Port Said campus. Students received hands-on training in robotics and programming and prepared teams for the RoboCup competition. The camp photograph shows about 30 participants.



Evidence: Event announcement

Robotics Workshop 2025

Date: February 9–13, 2025
Type: Ad-hoc

A five-day workshop, three hours per day, taught Python, OpenCV and Webots simulation. Participants built and programmed a robot to solve an obstacle maze in preparation for the RoboCupJunior Egypt 2025 Rescue Maze Simulation. The top three teams at RoboCupJunior Egypt qualify onward: first place to RoboCup 2025 in Brazil, and second and third place to the Open European Championship in Italy.



Evidence: Event announcement

MATE ROV Egypt Workshop 2025

Date: February 11, 2025
Type: Ad-hoc

An online workshop held at 6:30 PM on February 11, 2025 gave prospective competitors the chance to ask questions and prepare for the MATE ROV Egypt competition.



Evidence: Event announcement

Computational Geometry Workshop

Date: April 3, 2025
Type: Ad-hoc

The Competitive Programming Club hosted an advanced workshop on computational geometry, presented by Prof. Dr. Ossama Ismail. It covered the Shoelace Theorem and the Curve Rotation Method, and participants solved problems such as Point in Polygon and Closest Pair. Cash prizes were awarded to two winners. The group photograph shows about 40 participants.



Evidence: Event announcement

RoboCup Egypt 2025

Date: April 16–19, 2025
Type: On-Programmed Basis

AASTMT hosted and organized RoboCup Egypt at its main campus in Abu Qir. Teams from across Egypt competed in robotics, coding and technology challenges, which supports youth innovation in the field.



Evidence: Event announcement

MATE Egypt ROV Regional Competition 2025

Date: April 24–26, 2025
Type: On-Programmed Basis

The 2025 regional competition in underwater robotics was powered by the AAST Regional Informatics Center, which was established to develop robotics, artificial intelligence and competitive programming talent among students across the MENA region.



Evidence: Event announcement

Asia-Pacific Olympiad in Informatics (APIO) 2025

Date: May 17, 2025
Type: On-Programmed Basis

Egypt entered its 30 best programmers from the Egyptian Olympiad in Informatics in APIO 2025, organized by Uzbekistan, with nearly 40 countries taking part. APIO is a regional competition for high school students and the counterpart of the International Olympiad in Informatics, building computational thinking and problem-solving skills.



Evidence: Event announcement

Egyptian Collegiate Programming Contest (ECPC) 2025 Finals

Date: August 2025
Type: On-Programmed Basis

The Regional Informatics Center organized the Egyptian Collegiate Programming Contest with the Ministry of Communications and Information Technology and the Ministry of Higher Education and Scientific Research. The Academy President visited the final stage, and the closing ceremony took place at the Abu Qir campus on August 9, 2025.



Evidence: AASTMT News (finals); AASTMT News (closing ceremony)

Competitive Programming Club Orientation Day

Date: October 6, 2025
Type: Ad-hoc

The Competitive Programming Club held an orientation session at 4:00 PM in Room G004, Abu Qir Campus. The club prepares members for global competitions such as Facebook Hacker Cup, IEEEXtreme and ICPC and for technical interviews, and welcomes both beginners and experienced programmers.



Evidence: Event announcement

Workshop: AI-Powered Robotics for Smart Healthcare

Date: October 14, 2025
Type: Ad-hoc

Dr. Ahmed El-Shennawy, Dean of the Regional Informatics Center, led a workshop on AI-powered robots in healthcare. It covered robotic surgery, including how robots improve accuracy and assist doctors in complex procedures, and robotic solutions that support people with special needs.



Evidence: Event announcement 1; Event announcement 2

RIC Orientation Session on Remotely Operated Vehicles

Date: October 25, 2024
Type: Ad-hoc

The Regional Informatics Center held an orientation session led by its dean, Dr. Ahmed El-Shenawy. The presentation introduced the center's innovative activities, with particular attention to Remotely Operated Vehicles (ROVs). The session photograph shows about 35 attendees.



Evidence: Event announcement

International Conference on Machine Intelligence and Smart Innovation (ICMISI 2024)

Date: May 10–12, 2025

AASTMT hosted the IEEE International Conference on Machine Intelligence and Smart Innovation (ICMISI 2025), held under the patronage of the Secretary General of the League of Arab States and the Egyptian Ministers of Communications and Information Technology and of Higher Education and Scientific Research. The conference brought researchers and practitioners from academia and industry together to share work on artificial intelligence, machine learning, biomedical engineering and smart innovation. The program combined plenary, technical and special sessions, panels and tutorials with events for students and young professionals, Women in Engineering, entrepreneurs and industry.



Evidence: AASTMT News; Conference website

The 34th International Conference on Computer Theory and Applications (ICCTA 2024)

Date: December 14–16, 2024

AASTMT organized the 34th ICCTA at the Abu Qir campus with the Computer Scientific Society and the technical co-sponsorship of the IEEE Alexandria subsection. The hybrid conference allowed in-person and online attendance and brought researchers, specialists and information technology vendors together to exchange work on computer theory and its applications.

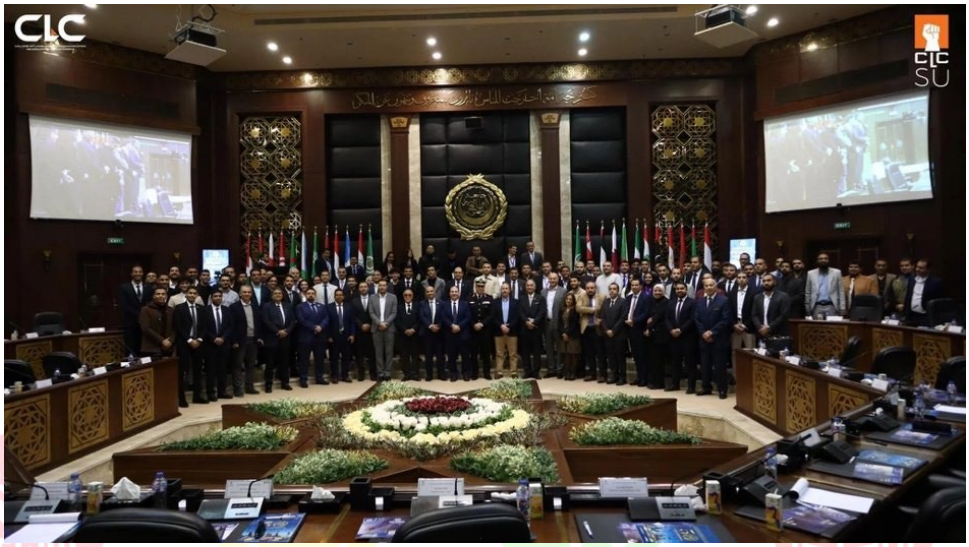


Evidence: AASTMT News

The 4th Marine and Offshore Industry Assembly

Date: December 23, 2024

The 4th Marine and Offshore Industry Assembly took place at the Abu Qir campus, organized by the Department of Marine Engineering and Offshore Platforms and the Marine Engineering Student Council. After the opening speeches, expert presentations covered technological advances and sustainability in the maritime and oil and gas industries. A second session, run with ADES, honored participants in the Marine Platforms Design and Construction Competition; certificates were awarded and the top five students received free training from ADES. A third session gave guests from maritime and petroleum institutions and international supervisory authorities an open discussion, and the assembly closed by recognizing individuals who contributed to the sector. The group photograph in the Arab League hall shows roughly 150 participants.



Evidence: AASTMT News

The 14th International Maritime and Logistics Conference (MARLOG 2025)

Date: February 23–25, 2025

The Academy held its 14th International Maritime and Logistics Conference in Alexandria under the theme "Artificial Intelligence Implementations – Towards Shaping the Future of the Digital World". Keynotes, panels and scientific sessions covered digital transformation, port management and current issues in maritime transport. The conference drew about 700 attendees from 31 countries, presented 41 research papers and 53 addresses, and hosted an accompanying exhibition with more than 25 firms.



Evidence: AASTMT News (closing); AASTMT News (opening); AASTMT News (RMSI participation)

The 7th International Youth Conference on Radio Electronics, Electrical and Power Engineering (IEEE REEPE 2025)

Date: April 8–11, 2025

The College of Engineering and Technology at the Heliopolis campus hosted the IEEE REEPE 2025 conference, held at the same time in Cairo, at the Moscow Power Engineering Institute in Russia and at the American University of Sharjah. Engineers, industry experts and young researchers discussed electrical power and energy, signal processing, computer, nuclear and mechanical engineering.



Evidence: AASTMT News

"Youth Empowerment Debates through Media and Information Culture" (2nd Edition)

Date: December 9, 2024

The Academy President opened the second edition of the Youth Empowerment Debates at the College of Language and Communication, Heliopolis campus. Media professionals, journalists and academics attended, together with the Deputy Minister of Youth and a former member of parliament, and the college's students took part in the debates.



Evidence: AASTMT News

Arab Disaster Risk Reduction Day

Date: March 20, 2025

In line with the Arab League's initiative on societal resilience and emergency preparedness, AASTMT marked Arab Disaster Risk Reduction Day with an event at the main campus in Alexandria, broadcast to all branches and online. The Vice President for Postgraduate Studies and Scientific Research opened with a keynote on behalf of the Academy President. Speakers from Alexandria University, the High Institute of Public Health, the Environmental Affairs Agency and the private training sector presented practical recommendations for strengthening community resilience. The Sustainable Development Administration organized the event. The group photograph of the Alexandria venue shows roughly 100 participants, in addition to the branches and online audience.



Evidence: AASTMT News

Launch of the "Arab Women in Science" Platform with UNESCO

Date: June 1, 2025

The UNESCO Regional Office in Cairo and AASTMT launched the Arab Women in Science (AWSci) platform at the Smart Village campus. It is the region's first digital platform of its kind, built from two years of consultations with 169 women scientists, and offers mentoring, fellowships, career opportunities, capacity-building tools and a community knowledge bank. Participants explored the platform at the event and gave feedback for its next phase.



Evidence: AASTMT News; AASTMT News (Smart Village)

Arab Media Dialogue Forum: "What Do We Want from the Arab Media?"

Date: July 20, 2025

The Academy launched the Arab Media Dialogue Forum at its Smart Village campus under the title "What Do We Want from the Arab Media?". Academics, experts and media professionals from several Arab countries joined AASTMT staff to discuss how media can develop and interact with Egyptian and Arab society.



Evidence: AASTMT News

Arab Women in Maritime Association (AWIMA) Workshop

Date: July 27–31, 2025

AASTMT and the Egyptian Authority for Maritime Safety organized the workshop of the Arab Women in Maritime Association, supported by the International Maritime Organization, at the

Authority's headquarters. The Academy President took part in the opening ceremony and the association's annual meeting.



Evidence: AASTMT News

The 2nd Arab Youth Media Creativity Summit

Date: August 19–21, 2025

Under the auspices of the League of Arab States and the Egyptian Cabinet, AASTMT announced the second Arab Youth Media Creativity Summit, "Innovative Media... Pioneering Works", at a press conference at the Abu Qir campus on June 29, 2025, with officials from the League of Arab States and the head of the Media Syndicate. The summit then ran from August 19 to 21 in New Alamein, with workshops and discussion sessions open to students, and cultural evenings such as a performance by Kuwait's Al-Jahra Troupe.



Evidence: AASTMT News; AASTMT News (summit); AASTMT News (summit program); AASTMT News (cultural evening)

Rally Society 2025 Bootcamp

Date: February 2025

The Entrepreneurship Center hosted the two-day Rally Society 2025 Bootcamp for student members from more than 35 universities across Egypt. Participants took part in workshops, expert-led training and mentoring on startup development, innovation management, business model design, leadership and pitching, and met founders and entrepreneurship mentors. The bootcamp extended the Rally Society's national network of student entrepreneurs beyond any single campus. The group photograph shows an estimated 150 to 200 participants.



Evidence: AASTMT News

Free Access to Online Resources

AASTMT Open Access

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) offers open access to a diverse array of digital resources available to the public. This extensive collection includes theses, dissertations, graduation projects, and tables of contents for various books. AASTMT's Libraries and Information Services Center provides free online access to these resources via its website, ensuring convenient availability for all users, encompassing a total of 31,710 online resources.

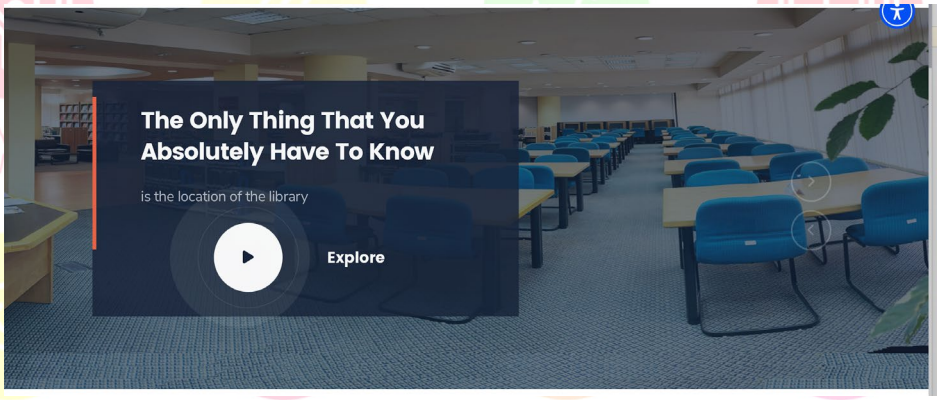


AAST research webpage

The AASTMT Libraries & Information Services Center

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) boasts an impressive library network consisting of 12 branches, which collectively house a vast array of academic resources. This includes over 90,000 printed books, access to more than 223,000 E-journals, and a digital library featuring 150,000 E-books.

All libraries within this network are interconnected through online interactive terminals, facilitating seamless access to the center's in-house database. To enhance the quality of information services, the Center has implemented an integrated information system that allows for straightforward searches via a computerized catalog and electronic databases. Furthermore, AASTMT's Libraries & Information Services Center offers free online access to its services through its website, ensuring convenient access for the public.



Library information services on the AASTMT news page
AAST research webpage

Electronic Resources Through EKB

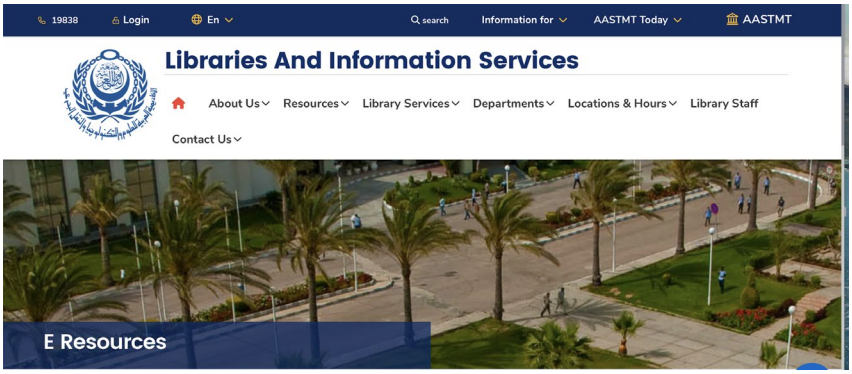
The AASTMT Library provides users with the requested information resources, regardless of the nature of those resources *accessible on-campus* or through *The Egyptian Knowledge Bank (www.ekb.eg)*. Users can access AAST-subscribed databases remotely via a VPN when they are off campus.

List of Electronic Resources on the AASTMT news page

Database Search

This service is designed for lecturers and students engaged in preparing assignments, papers, or dissertations. The search results encompass a wide array of resources, including papers, articles, dissertations, conference proceedings, and books, tailored to assist in the literature review process. Users can obtain results in print format, on a CD-ROM, or via email. Users can request searches:

- In person by filling "Bibliographic Search Request form" at their Library
- Using the On-Line "Bibliographic Search Request form"
- Sending e-mail to their Information Librarian



Information Services page on the AASTMT news page

Academy Publishing Center (APC)

The Academy Publishing Center (APC) of the Arab Academy for Science, Technology and Maritime Transport (AASTMT) provides open and free access to a wide range of academic and educational publications through its online portal: *https://apc.aast.edu/ojs/*.



These journals—such as *Advances in Computing and Engineering*—are Open Access**,** allowing global readers, researchers, and community members to freely read, download, and share educational materials without institutional login or subscription fees. This initiative supports lifelong learning**,** knowledge dissemination, and public engagement with current research in sustainability, technology, and education. The APC currently hosts over 10 peer-reviewed journals across diverse disciplines—including computing, engineering, management, and maritime studies—promoting continuous learning, innovation, and global access to scholarly knowledge. Since its launch, the APC platform has achieved over 1,900 article downloads annually and attracts visitors from more than 104 countries, reflecting its growing international reach and contribution to the global research community.

Link and link:

- Academy Publishing Center (APC): *https://apc.aast.edu/ojs/*
- Open Access Journals List (publicly available on the website)
- Accessible to all users without login or institutional affiliation

Arab Women in Science (AWSci) Platform: Mentorship and Online Learning Resources

AASTMT, in partnership with UNESCO's Regional Office for Egypt and Sudan, launched the Arab Women in Science (AWSci) platform to support women pursuing careers in science. The initiative began in Egypt and Sudan and offers opportunities for peer mentorship, coaching, and professional development. Its Community Knowledge Bank gives registered members access to scientific publications and learning materials.

Arab Women in Science Platform · Community Knowledge Bank



AASTMT–Fortinet Information Security Laboratory

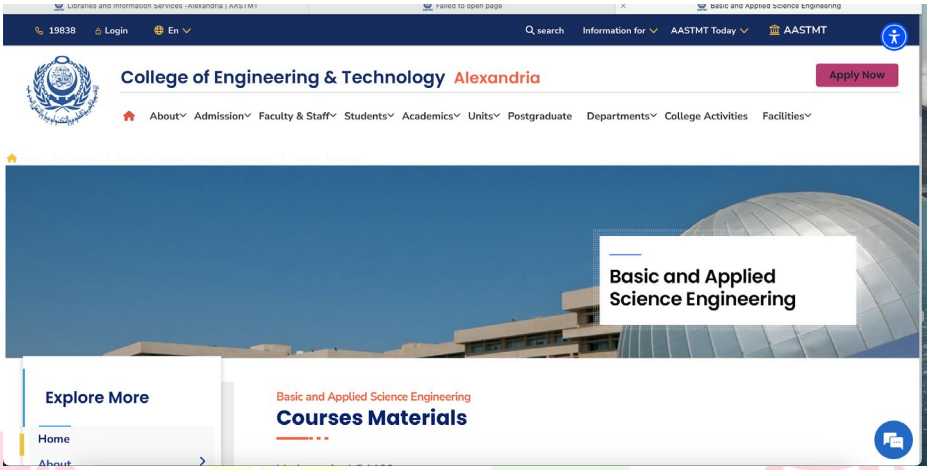
AASTMT inaugurated the Information Security Laboratory at its Abu Qir campus in Alexandria on April 14, 2026, in collaboration with Fortinet. The laboratory provides hands-on cybersecurity training, including incident response and simulated cyberattacks. This development falls outside the 2024–2025 reporting period; free public access has not been established by the description provided here.



Official AASTMT announcement

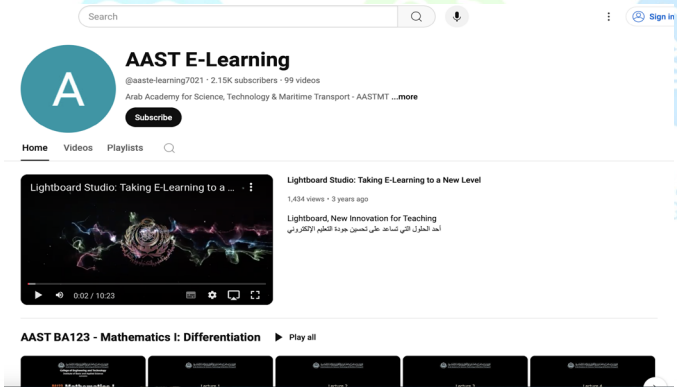
Access to Lectures and Online Courses

AASTMT offers access to selected lectures and online courses to individuals outside our student body. This allows interested learners to engage with academic content and gain knowledge in various fields. Free course materials are available at no cost and accessible to everyone on the official website.



AAST Course Materials

AASTMT offers a free and open access to its lectures and educational content through its E-Learning platform. This platform allows AASTMT to record and share a wide range of educational materials, including lectures, and presentations, over the internet. The key benefit of this approach is that these resources are not limited to AASTMT students or staff; they are made accessible to the public. This means that self-learners and individuals interested in AASTMT's academic expertise can freely access and benefit from the valuable educational content presented by AASTMT's knowledgeable faculty members. This commitment to open education and knowledge-sharing aligns with AASTMT's mission to contribute to the broader educational community and promote lifelong learning. Established on March 14, 2021, and based in Egypt, the channel offers high-quality educational content in Arabic to promote lifelong learning and expand access to knowledge for learners of all ages. With 2.93K subscribers, 99 videos, and over 240,000 total views, AASTE Learning extends AASTMT's commitment to inclusive and equitable education beyond the university's enrolled students.

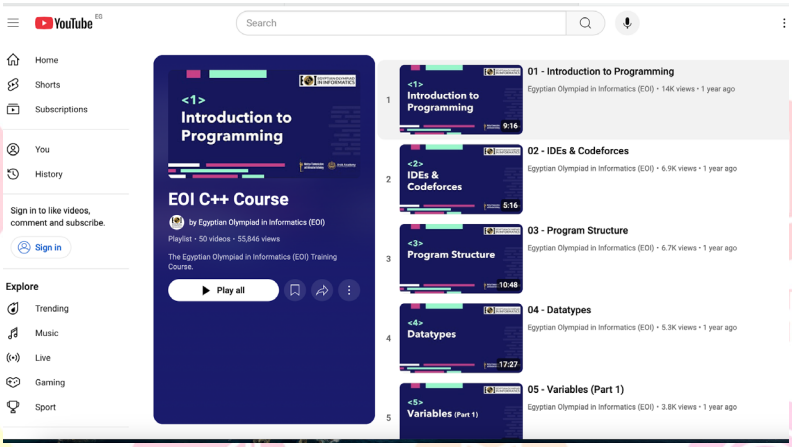


AAST E-Learning on the YouTube channel

The Regional Informatics Center

The Regional Informatics Center at the Arab Academy for Science, Technology, and Maritime Transport (AASTMT) offers online training for the Egyptian Olympiad in Informatics (EOI). The EOI is a significant competition that focuses on computer algorithms, programming, and systematic problem-solving methods, covering a wide range of problem types. It primarily targets school students, serving as a platform to identify and nurture exceptional young talent in the field of information and communication technology (ICT).

As part of its commitment to fostering talent and promoting computer science education, AASTMT provides a valuable online training resource for those interested in participating in the EOI. This initiative not only aids participants in their preparation for the Expression of Interest (EOI) but also aligns with the overarching objective of advancing computer science education and skill development among young students in Egypt. It exemplifies AASTMT's commitment to fostering educational excellence and offering valuable resources to the community, thereby facilitating the identification and cultivation of future leaders in the field of Information and Communication Technology (ICT).

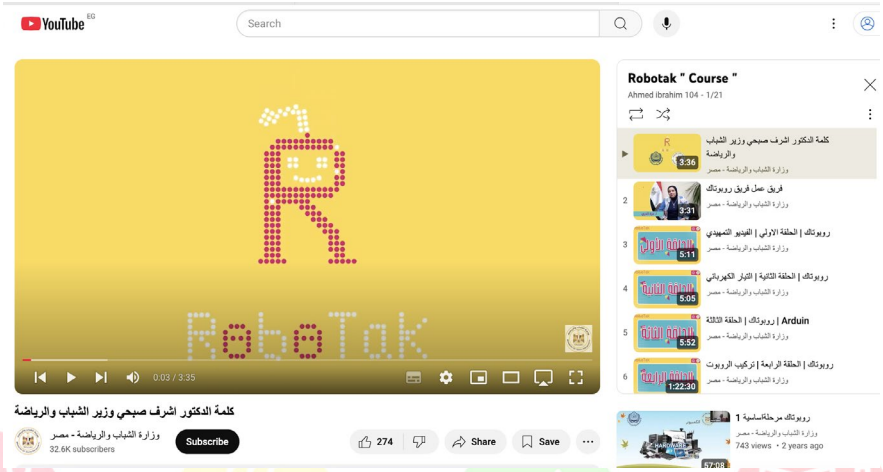


EOI Online Training Playlist

The Robotak

The Robotak initiative represents a collaboration between the Egyptian Ministry of Youth and Sports and the Arab Academy for Science, Technology, and Maritime Transport. This initiative is national in scope and offers free participation. Its primary objective is to empower young individuals aged 7 to 17 by equipping them with essential 21st-century skills, including coding and robotics programming. The initiative began in early 2020, coinciding with the peak of the COVID-19 pandemic. The project employs a blend of online and offline methodologies to deliver its services. Online resources are accessible through a YouTube channel managed by an AASTMT instructor, featuring both pre-recorded and live sessions. In-person instruction is provided through immersive, all-day boot camps, each lasting four days. A total of six camps have been established in the cities of Tenth of Ramadan, Aswan, Beni Suef, El Arish, and Alexandria.

To date, the initiative has garnered over 32,600 subscribers, spanning all governorates in Egypt, as well as participation from Egyptians residing in Saudi Arabia, the United Arab Emirates, and the United States. The project currently comprises two levels, each further divided into two parts based on participants' ages, with development underway for a third level. The overarching goal of the Robotak initiative is to teach school students programming, robotics, 21st-century skills, and artificial intelligence.

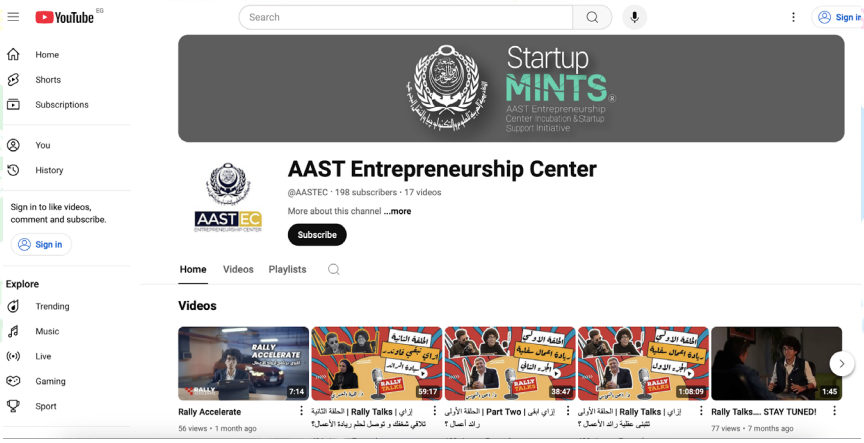


Basic Level on the YouTube channel
Advanced Level on the YouTube channel
Robotak on social media

Rally Training

AASTMT offers the Rally Ideation Online Training program as a foundational support initiative for aspiring entrepreneurs. This program is meticulously designed for university students and recent graduates who may lack startup ideas or seek to refine their existing concepts prior to implementation. Notably, this training is entirely free and accessible to the public.

This initiative highlights AASTMT's dedication to promoting entrepreneurship and innovation, providing crucial guidance to individuals eager to engage with the startup ecosystem.



Rally Ideation Online Training YouTube Channel on YouTube channel

AASTMT supports lifelong learning through selected free training opportunities, access arrangements for campus learning facilities, and publicly available online educational resources. The activities and institutional resources documented above provide examples of this provision. Access restrictions, evidence of certification, and the dates of individual activities should be considered when assessing eligibility under Indicator 4.3.1.