



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري
Arab Academy for Science, Technology & Maritime Transport

Regional Informatics Center (RIC) **Achievement report and evaluation of activities 2022-2021**

First: Achievements of school programming programmers

Beaver Contest:

- Training of 5,756 online students in 25 cities.
- Qualifications were made in June 2022 to select 500 students to participate in the training program funded by the Ministry of Communications.

<http://beaver.aast.edu/>

Olympiad in Informatics Competition:

- Training of 500 students for 45 hours during July, August and September 2022.
- Qualifications were held in September to select the top 120 programmers to participate in the Egyptian Olympiad in Informatics **EOI**.

- The Egyptian Olympiad in Informatics **EOI** was held from 11 to 15 September, 2022 at Abo kier Branch.

- 30 programmers qualified to the training camp for qualifications of Asia Pacific to select the top four for the 2023 international Olympiad in informatics.

<https://www.facebook.com/eoi.eg>

http://www.aast.edu/en/centers/ric/contenttemp.php?page_id=41100024

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Second: Achievements of university programming programs

- The AASTMT team won the first place ECPC2022.
- The AASTMT team won first place in ACPC2021 and qualified for the ICPC to be held in Bangladesh in 2022.
- Training of 350 African and Arab girls in programming and organizing the GirlsACPC girls' programming competition for the second year in a row with the participation of more than 1,200 Arab and African students last July representing 35 countries.
- More than 100 programming competitions for colleges students in the Arab region and Africa were supervised in 2021/22 in 28 countries.
- 240 AASTMT students Trained, 80 teams were qualified from the AASTMT competition from different branches and 17 teams qualified in the ACPC.
- AASTMT will organize the ICPC 2023.
- The Egyptian ECPC Programming Competition for 2021 was organized from 14-27 August 2022 in Abu Qir branch and the AASTMT team Won the First place and qualified for the ACPC that will be held in Luxor on 2-6 December 2022.

<https://www.facebook.com/EgyptCPC>

<http://acpc.global/>

http://www.aast.edu/en/centers/ric/contenttemp.php?page_id=41100021

Third: ARC Competition:

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Alamien Robotics Championship was held in ASTMT Alamien Campus during 2-6 of March 2022.

-- During this challenge, the Sea Perch School Competition, the Land min sweeper, Underwater Challenge UWC and Meal Monester.

- participation of 72 teams with over than 800 student.

<https://uwrchallenges.org/>

<https://alameinrobotics.org/>

Fourth: ROV Competition:

- The Egyptian ROV Competition was held in Abi Qir branch from May, 2021 with the participation of 21 teams from various universities in Egypt.

- Three teams have been qualified from colleges and two teams from schools for the international competition.

- The AASTMT was also awarded the best report and best technical presentation in the international competition.

<https://rovegypt.org/>

<https://www.facebook.com/EgyptROV>

http://www.aast.edu/en/centers/ric/contenttemp.php?page_id=41100028

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Fifth: RoboCup Competition:

-It was held in abou keir camus during 25-28 of March 2022

-Participation of 120 teams with 480 students

Two teams were qualified for the International ROBOCUP at home from AASTMT that was held in Thailand during 7-11 July 2022.

- AAST teams won the first and the fifth place in the international.

<https://www.rcjegypt.org/>

Sixth: The center's activities in robotics:

- A training camp for 45 students from the Faculty of Artificial Intelligence was held from in abo kier campus during February 2022

- Participated in identifying robots for artificial intelligence college laboratories and helping to communicate with suppliers under the supervision of the college and procurement management.

- Supervised the design and planning of the needs of the robotics laboratory and visited the branch to determine the right place.

- School campus held in abo kier campus during 25-29 June 2022, 15 students.

- Robotics course was held during 14th of August and 7th of September for school students with 21-student participation.

- On going training for 150 students in AASTMT School as preparation for RoboCup Juniors that will be held in Feb 2023.



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- The Egyptian-Russian forum was held at the Alamein branch from October 4-7, 2021.

- Finance agreement signed for graduation projects of engineering students of Egypt between the Academy of Scientific Research and the Academy Company.

-Funding has been submitted for 180 robotics projects and 80 projects have been selected (including 18 graduate projects).

<https://www.rcjegypt.org/>

<https://www.facebook.com/RoboGamesEgypt>

http://www.aast.edu/en/centers/ric/contenttemp.php?page_id=41100030

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