

2.5.3 University Access to Local Farmers and Food Producers

2023–2024

AASTMT provides its students with access to facilities, advanced technologies, and training programs into the organic systems of local farmers and businesses to enhance sustainable farming and food security. AASTMT's approach includes free training, paid access to AI and robotics, strategic government and private partnerships,

AASTMT has strategically designed its agricultural support programming to include both free and paid access opportunities. This tiered framework reflects sophisticated understanding of diverse stakeholder requirements, resource sustainability imperatives, and institutional capacity constraints while maintaining commitment to inclusive agricultural development.

Strategic Partnership with MAFI for Agricultural Produce Industries

AASTMT has extended comprehensive strategic partnership with MAFI (Mavi) for Agricultural Produce Industries, formalizing cooperation through protocol signed on September 23, 2024, during graduation ceremony at AASTMT's Heliopolis Campus. The agreement between AASTMT President Prof. Dr. Ismail Abdel Ghaffar Ismail Farag and MAFI Chairman H.E. Ahmed Abou Hashima establishes framework for linking educational processes with industrial agricultural practice while advancing artificial intelligence integration in Egyptian agriculture.



[Strategic Partnership with MAFI for Agricultural Produce Industries](#) on AASTMT webpage

PRIMA Research and Innovation Partnership

AASTMT actively participates in Partnership for Research and Innovation in the Mediterranean Area (PRIMA), European Union-funded program supporting research addressing critical Mediterranean challenges. On February 14, 2024, AASTMT hosted Awareness Info-Day covering 2024 PRIMA calls focusing on Water Management in Agriculture, Sustainable Farming Systems, Agri-Food Value Chain Development, and Water-Energy-Food-Ecosystems (WEFE) Nexus



[PRIMA Research and Innovation Partnership](#) on AASTMT webpage

AQAMEH - Aquatic Animals Medicine and Ecosystem Health Program

AASTMT co-leads pioneering Master's degree program in Aquatic Animals Medicine and Ecosystem Health (AQAMEH) addressing environmental challenges in aquaculture through education, research, and capacity building.

[AQAMEH - Aquatic Animals Medicine and Ecosystem Health Program](#) on AASTMT webpage

Tanmia Wa Tatweer (TWT) Agribusiness Incubator

AASTMT's Entrepreneurship Center, in collaboration with Academy of Scientific Research and Technology, implements Tanmia Wa Tatweer (TWT) agribusiness incubator program with funding from Danish-Arab Partnership Program managed by African Development Bank. The program supports entrepreneurship and innovation in Upper Egypt and New Valley governorates.



[Tanmia Wa Tatweer \(TWT\) Agribusiness Incubator](#)

College of Fisheries and Aquaculture Technology (CFAT) Training Programs

The College of Fisheries and Aquaculture Technology represents AASTMT's specialized academic unit dedicated to advancing sustainable aquaculture, fisheries management, and marine resource conservation. CFAT systematically provides local farmers, aquaculture entrepreneurs, and fishing community members with free access to hands-on training programs leveraging university laboratories, specialized equipment, and faculty expertise to improve aquatic food production practices and promote sustainable resource utilization. CFAT students completed comprehensive two-day training program at Marine Aquaculture Development Project in Egypt (MADE II) located at Kilo 21 Hatchery.

Egyptian Agricultural Bank and Matrouh Governorate Partnership

AASTMT has extended comprehensive memorandum of understanding with Egyptian Agricultural Bank and Matrouh Governorate providing full scholarships to 47 deserving students from the region.