

Middle East Chapter Key Activities and Achievements (2023–2026)- prepared by Sufian Forawi

The Mathematics and Science Teacher Association (MSTA), representing the ICASE Middle East Chapter, has contributed to advancing STEM education in the UAE and internationally. Below is a summary of major initiatives, engagements, and accomplishments over the past three years:

1. Establishment and Recognition

- Successfully established the **Mathematics and Science Teacher Association (MSTA)** in the UAE on **June 14, 2022** — the first initiative of its kind in the country.
- Received endorsement from the **British University** and the **International Council of Associations for Science Education (ICASE)**.

2. Major Conferences Organized

- Organized the **7th ICASE World Conference** in Dubai (**June 27–30, 2023**), bringing together international experts in science education.

3. Institutional Engagement and Outreach

- Conducted and participated in **school and university visits**, including:
 - **Ministry of Education Innovation Week** (Fujairah Schools)
 - **UAE University initiatives and collaborations**

4. Conference Participation and Academic Contributions

Active participation through presentations and engagements at key international forums:

- **Hands-on Science Conference**, Cairo (December 2025)
- **Third International Conference of History and Social Science**, Sharjah (2024)
- **STEM Best Practice Summit**, Dubai (2024)
- **British University Doctoral Research Conference**, Dubai (2023, 2024, 2025)

5. Research Grants and Funded Projects

- **DOH IRB Application** for the *MA'AN Grant Project*, Abu Dhabi, UAE
- **Green Teacher and Sustainability Education Project** in collaboration with **Qatar Foundation**

6. Professional Development and Workshops

Organized and delivered a wide range of workshops for educators and MSTA members, focusing on:

- **STEM Education and Integration**
- **Generative AI (GenAI) and Professional AI Use in Higher Education**
- **Microsoft 365 for Education**
- **Drone Technology in Education**
- **STEM Modelling and Instructional Strategies** (including workshops at the 7th ICASE Conference)

7. Networking and Recognition

- Participation in prestigious events such as:
 - **Dubai Tourism Alsafeer Gala Dinner** (2024, 2025)
- Recognition through awards, including:
 - **Keynote Speaker Award** at the *International Conference of History and Social Science*

Conclusion

Through its diverse initiatives, MSTA has played a pivotal role in strengthening STEM education, fostering international collaboration, and supporting professional growth among educators across the UAE and beyond.