

## ROBOSUB 2025

Nanyang Technological University  
Mecatron

### Community & Outreach Description

Mecatron was founded by a group of students driven not only by a deep passion for learning and innovation, but also by a strong commitment to sharing our knowledge with others. Developing autonomous underwater vehicles (AUVs) deepens members' appreciation for experiential learning, inspiring them to design and lead hands-on workshops aligned with their expertise. These workshops are tailored to engage diverse student audiences, from undergraduates seeking to upskill themselves to younger learners exploring engineering-related career paths. Beyond competitions, Mecatron members are passionate about community engagement to share about their work, their vehicles, and the exciting field of marine technology with others. From school visits to public showcases, members seek opportunities to raise awareness about marine issues and spark curiosity about the real-world applications of marine robotics, such as underwater inspection and ocean monitoring.