

Barunastra ITS Roboat Team's Community Outreach

Barunastra ITS Roboat Team is an ASV (Autonomous Surface Vehicle) research team from ITS (Institut Teknologi Sepuluh Nopember) based in Surabaya. In complying with our vision to foster the world's maritime technology advancement, we have participated in many programs to enhance the community's awareness of the Indonesian marine industry's potential.

Student Robotic Showcase: Asia-Pacific Edition



First, we participate in Student Robotic Showcase: Asia-Pacific Edition. The event is held by ITS Global Engagement. At this event, Barunastra ITS filled the event by introducing the Barunastra ITS Team to them. Participants in this event are lecturers and ITS Global Engagement partners from many countries in Asia-Pacific Region, such as Malaysia, Japan, Singapore, Philippines, Taiwan, Thailand, India, and New Zealand. Unlike other events, in this event, we exclusively demonstrated the Nala Theseus Ship and gave control to participants to operate Nala Theseus. These activities aim to expand the relationship and exchange knowledge between students.

Freshman Week: Get to Know Barunastra!



Every year, we are responsible for sharing our experience with ITS first-year students from every department in the 'Freshman Week: Get to Know Barunastra'. The Student Association of ITS proposed this event to give insight to the freshman at ITS. We

usually send 5 – 7 of our members to share their experience and understanding of Barunastra ITS.



INAMARINE 2022



Last year, Barunastra joined 'INAMARINE' in Jakarta, 19-21 October. INAMARINE is a national exhibition held by GEM Indonesia that offers a grand opportunity of networking with Indonesia's leading shipyard, ship repair, shipbuilding, dock, government, buyers, importers, distributors, and marine supply chain. Our team shared our technology with the visitor and gave much insight into the community around Jakarta, especially in the maritime field. Not only that, our team

leader was giving a speech at the conference of INAMARINE 2022.

Barunastra's EduVisit



We, as a team, are expected to share our knowledge in our respective fields from the technical and non-technical aspects, called 'Barunastra's EduVisit'.

In this event, Barunastra shared their knowledge and experience in handling autonomous boat projects with the High School students in East Java. One of the events is held on December 12, 2022. The sharing session aims to cultivate young students' interest in maritime technology.