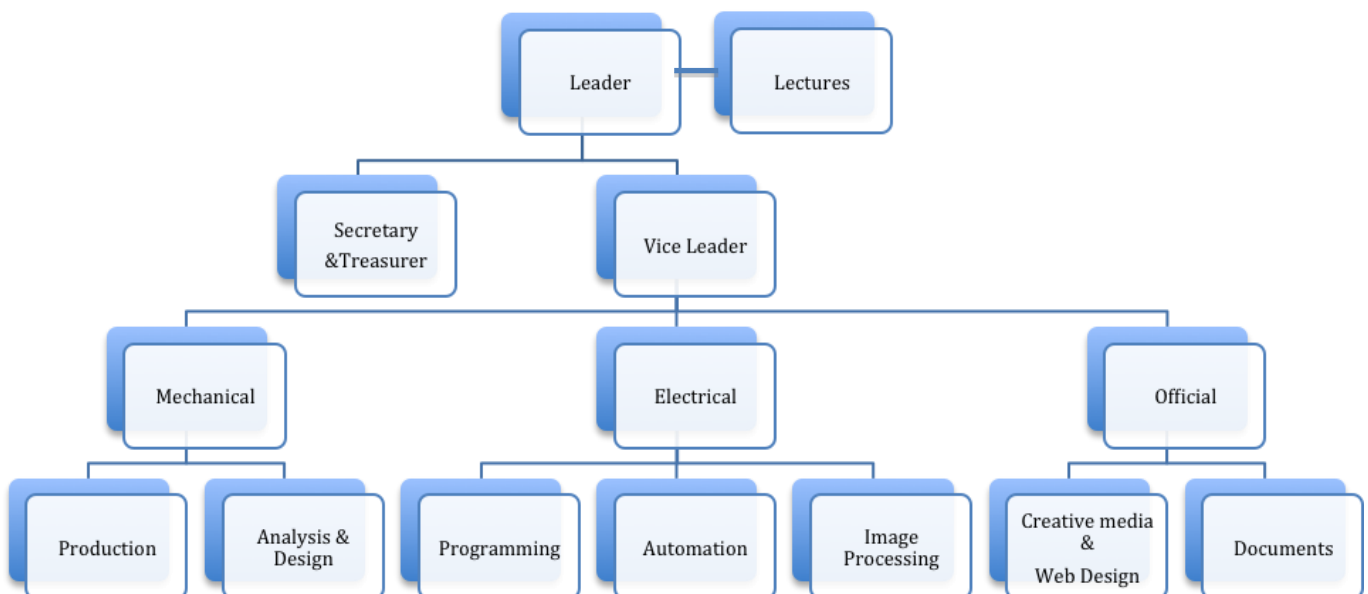


## ABOUT US

Roboat Universitas Diponegoro is a place to apply research and development in the robotic field based on the improvement of maritime technology globally with amassing potential collages in Universitas Diponegoro.

Roboat UNDIP Team is divided into 3 divisions with total of 25 members (16 eligible members, volunteers, alumnies and 2 lectures) Mainly mechanical, electrical, and official. The mechanical division mostly handle designing, production, and engines installations which will be used in competitions, such as: design and analysis, ship production, propulsion, and machinery. The electrical division is responsible for programming and autonomous system appliance used in the competition. Namely: Image processing, automation, hardware, telemetry and software engine. The last one is the official division, it handles the needs related to human resources and outside links such as: website making, public relation, media creative, project manager, and sponsorship.

Team's Structure:





UNDIP  
ROBOTICS  
DEVELOPMENT  
CENTER



Here is the list of the people involved:

Lectures	: Good Rindo, ST, MT. Dr.Eng Munadi, ST, MT.
Team's leader	: Bonar Wahyu Hidayat
Vice leader	: Muhammad Hafiz Tsalavin
Treasurer	: Aulia Faradilla Adi
Secretary	: Ovin Ranica Pratiwi
Head of Mechanical Div.	: Ebin Ezer Sinaga
Mechanical Division	: Aji Farid Rohman Hakim Pujiyanto Mohammad Fiqran D. S Febby Ari Saputro
Head of Electrical Div.	: Alfin Luqmanul Hakim
Electrical Division	: Ahmad Zaid Muhammad Aghassi Z Ibrahim Akhmad Nafi'udin
Head of Official Div.	: Slamet Haryo Samudra
Official Division	: Oka Wicaksana Y. Amanda Margareth I.S.

ATERKIA is a ship designed by Roboboat UNDIP Team. This ship uses autonomous system to enroll in Roboboat Technology Competition held by AUVSI and also KKCTBN which is a competition for Fast Autonomous Boat held by Kemenristekdikti. Achievements obtained by our team before are:

- 6<sup>th</sup> place and Best Design of Cost Performance in 4<sup>th</sup> International Roboboat Competition 2011.
- Hull Form Design Award 5<sup>th</sup> International Roboboat Competition (AUVSI) 2012