

## FACULTY OF MARINE TECHNOLOGY

### ▶ HISTORY ◀

**Faculty of Marine Technology (FTK)** was established under Presidential Decree No. 58 in 1982. Formerly, FTK was named Faculty of Naval Architecture, which was established in 1960 together with the establishment of Institut Teknologi Sepuluh Nopember (ITS). At the present time, Faculty of Marine Technology has four majors undergraduate and post graduate programmes. In 2017, the total enrolled number of students at Faculty of Marine Technology were 2139 students, which include 2013 undergraduate students and 126 graduate students.

### ▶ DEPARTMENT AND PROGRAMME ◀

#### Undergraduate Programme

##### Department of Naval Architecture

Double Degree Programme Naval Architecture with Mokpo National University

##### Department of Marine Engineering

Double Degree Programme Marine Engineering with Wismar University

##### Department of Ocean Engineering

Department of Marine Transportation Engineering

#### Postgraduate Programme (Master / Doctor)

##### Marine Technology

Design of Ocean Structure

Marine Transportation Engineering

Marine Production and Material Engineering

Marine System and Control Engineering

Coastal Engineering and Management

Marine Renewable Energy

##### Marine Engineering

Marine Engineering (Regular Program)

Joint Master Degree in Marine Engineering with Wismar University

### ▶ CAREER ◀

Shipyards, Offshores, Maritime Industry, Shipping Company, Oil & Gas Industry, Class Society, Power Plant, Engineering, Consultant, Ports, Industrial Engineering, Government Agencies and Universities, and Other Relevant Fields

### ▶ STUDENT ADMISSION ◀

SNMPTN : Seleksi Nasional Masuk Perguruan Tinggi Negeri

SBMPTN : Seleksi Bersama Masuk Perguruan Tinggi Negeri

PKM : Program Kemitraan dan Mandiri

BIDIK MISI

International Admission ([io.its.ac.id/admission/](http://io.its.ac.id/admission/))



ITS  
ECO  
CAMPUS



FACULTY OF  
**MARINE  
TECHNOLOGY**  
INSTITUT TEKNOLOGI  
SEPULUH NOPEMBER

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Visit us :





# MARINE ENGINEERING

BAN-PT Accreditation : A

ZEvA Accredited

## Field of Study

Marine Power Plant  
Marine Manufacture and Design  
Marine Electrical and Automation System  
Marine Machinery System  
Reliability, Availability, Maintainability and Safety

## Laboratories

1. Laboratory of Marine Power Plant
2. Laboratory of Machinery and Systems
3. Laboratory of Electrical and Automation System
4. Laboratory of Reliability, Availability and Management System
5. Laboratory of Manufacture and Design

## Lecturer

2 Professors, 11 Doctors and 17 Masters

## Field of Research and Project

Ship Machinery System & Design, Propulsion System, Power Plant, Ship's Engine, Hybrid Propulsion System, Fishing Vessel, HVAC-R, Piping System, Marine Electrical and Control, Safety, Reliability and Maintenance, Ports, LNG Technology, Manufactures and Marine Engineering, Renewable Energy

# NAVAL ARCHITECTURE

AUN-QA Certified

BAN-PT Accreditation : A

## Field of Study

Ship Design :  
Ship Construction & Design, Hydrodynamics  
Ship Production :  
Shipbuilding & Repair, Shipyard Development

## Laboratories

1. Laboratory of Ship Construction
2. Laboratory of Ship Design
3. Laboratory of Ship Production and Technology
4. Laboratory of Ship Hydrodynamic
5. Drawing Studio

## Lecturer

3 Professors, 4 Doctors, 17 Masters

## Field of Research and Project

Design of Ships and Marine Vehicles, Optimization and Production of Ship, Shipyard Operamentals, Materials Technology, Hydrodynamics and Stability of Ship, Navy Ships Technology, Hybrid Ship, Small Craft

# OCEAN ENGINEERING

BAN-PT Accreditation : A

IABEE Certified

## Field of Study

Offshore Structure  
Offshore and Coastal Hydrodynamics  
Design and Production of Offshore Structure  
Ocean Energy and Seawater Environmental  
Coastal and Ports Engineering and Management

## Laboratories

1. Laboratory of Computation and Numeric
2. Laboratory of Offshore Hydrodynamic
3. Laboratory of Ocean Energy and Seawater Environment
4. Laboratory of Underwater System and Seabed
5. Laboratory of Operational Research and Design
6. Laboratory of Ocean Structural Dynamic
7. Drawing Studio

## Lecturer

4 Professors, 16 Doctors and 6 Masters

## Field of Research and Project

Offshore Engineering and Design, Offshore Hydrodynamics, Energy and The Environment, Coastal Engineering, Ports, Mooring System, Deep Sea Technology, ROV, Renewable Energy.

# MARINE TRANSPORTATION ENGINEERING

BAN-PT Accreditation : A

## Field of Study

Sea Transport  
Ports and Infrastructure  
Maritime Logistics

## Laboratories

1. Laboratory of Marine Transport and Logistics
2. Laboratory of Ports and Infrastructures
3. Laboratory of Sea Transports Telematic
4. Laboratory of Computational and Research Operation

## Lecturer

3 Doctors and 6 Masters

## Field of Research and Project

Operational Planning of Sea Transport, Business Model and Management of Sea Transportation, Engineering Transportation Mode, ICT Modelling for Logistic, Ports and Transportation, Carriage and Cargo Design