

**LAPORAN KEGIATAN
HIBAH SHORT PROGRAM
“DoNA Short Programme”
“Maritime Autonomous Surface Ship”
18 – 27 SEPTEMBER 2023**

**TEKNIK PERKAPALAN - FTK
INSTITUT TEKNOLOGI SEPULUH NOPEMBER
SURABAYA
SEPTEMBER 2023**

LAPORAN

HIBAH SHORT PROGRAM

18 – 27 AGUSTUS 2023

1. Latar Belakang

Secara nasional telah disusun Rencana Strategis (Renstra) Kementerian Pendidikan dan Kebudayaan (Kemendikbud) RI tahun 2020-2024 yang merupakan penjabaran dari Rencana Pembangunan Jangka Menengah Nasional (RPJMN). Di dalam renstra kemenristekdikti tersebut telah ditetapkan beberapa indikator kinerja sasaran strategisnya. Antara lain telah ditetapkannya jumlah PT masuk top 500 World Class University.

Sesuai dengan arah yang telah ditetapkan pada dokumen renstra Kemendikbud 2020-2024 tersebut, ITS menetapkan sasaran strategisnya, sesuai dengan apa yang telah tertuang pada dokumen Rencana Strategis ITS sebagai Perguruan Tinggi Negeri Berbadan Hukum (Renstra ITS PTNBH) 2021-2025 di antaranya yaitu Kontribusi Nasional, Reputasi Internasional, dan Transformasi Organisasi. Dalam menunjang pelaksanaan Renstra ITS tersebut, maka disusun tujuan strategis dan inisiatif strategis diantaranya yaitu Meningkatkan peringkat ITS pada sistem perankingan PT nasional dan internasional melalui penguatan internasionalisasi melalui Jumlah prodi yang terakreditasi unggul.

Dari rencana strategis di atas, menjadi kampus berkelas dunia merupakan sasaran yang dituju oleh ITS. Berkenaan dengan hal tersebut Direktorat Kemitraan Global (DKG) sebagai salah satu unit di ITS yang memiliki tugas pokok dan fungsi untuk menjadikan ITS sebagai universitas berkelas dunia, maka unit ini menawarkan sebuah program yang dinamakan Short Course.

Oleh karena itu, Departemen Teknik Perkapalan yang merupakan bagian dari ITS sangat mendukung program tersebut dengan berkontribusi dalam pengajuan proposal kegiatan ini.

2. Tujuan Kegiatan

Tujuan dari kegiatan ini yaitu:

- Memperluas Jejaring Internasional Departemen Teknik Perkapalan ITS
- Meningkatkan Jumlah Responden Survey Departemen Teknik Perkapalan ITS
- Meningkatkan kompetensi SDM Departemen Teknik Perkapalan ITS dalam kegiatan penguatan internasionalisasi
- Meningkatkan jumlah mahasiswa internasional, dosen internasional, dan koneksi

3. Waktu dan Tempat Kunjungan

Pelaksanaan penugasan dilaksanakan pada:

Hari/Tanggal : Senin - Rabu / 18-27 September 2023

Tujuan : Pelaksanaan DoNA Short Programme

Agenda : Short Courses, Rapat Kerjasama IUP, Guest Lecture, City Tour, dan Exhibition dan Departemen Teknik Perkapalan ke International

4. Peserta Program

Peserta Program total adalah 12 peserta, terdiri dari 10 Peserta International (termasuk 2 dosen) dan 2 peserta nasional.

No	Name	Student	Home University
1	WAN NURHIVIEN NASHWA BT ASMAWI	Student	Universiti Kuala Lumpur MIMET, Jalan Pantai Remis, 32200 Lumut, Perak
3	Muhammad Aysar bin Roslan	Student	UNIKL MIMET (MALAYSIA)
3	NURAIMI BINTI MOHD KHAIRUN	Student	UNIKL MIMET MALAYSIA
4	MUHAMMAD SHAHMI BIN SHAMSOL	Student	UniKL MIMET
5	CHE MOHAMAD AMIRUL HAIQAL BIN CHE MOHD AKHAIRULDIN	Student	UNIVERSITY KUALA LUMPUR MALAYSIAN INSTITUTE OF MARINE ENGINEERING TECHNOLOGY (UNIKL MIMET)
6	MUHAMMAD FAHRULZIYAD AIMAN BIN MOHD FAUZI	Student	UNIVERSITY OF KUALA LUMPUR (MALAYSIAN INSTITUTE OF MARINE ENGINEERING TECHNOLOGY)
7	Nur Najihah Binti Zainal Abidin	Student	Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology
8	I WAYAN ADITYA NUGRAHA	Student	POLITEKNIK PELAYARAN SURABAYA
9	MUHAMMAD EIQAL SURYANA	Student	POLITEKNIK PELAYARAN SURABAYA
10	Amar Firdaus Bin Mohamed Ali	Student	University of Kuala Lumpur Malaysian Institute of Marine Engineering Technology
11	Ahmad Azmeer Roslee	Lecturer	Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology
12	Muhammad Nasuha bin Mansor	Lecturer	Universiti Kuala Lumpur, Malaysian Institute of Marine Engineering Technology (MIMET)

5. Panitia Program

No.	Nama	NIP/NRP	Jabatan TIM
Dosen			
1.	Ir. Wasis Dwi Aryawan, M.Sc., Ph.D.	196402101989031001	Penanggung Jawab Unit
2.	Rizky Chandra Ariesta, S.T., M.T.	2022199611025	Penanggung Jawab Kegiatan
3.	Dr. Hasanudin, S.T., M.T.	198006232006041001	Tim Penyiapan Materi
4.	Dr. Eng Yuda Apri Hermawan, S.T., M.T.	1989202011007	Tim Penyiapan Materi
5.	Dr. Eng Septia Hardy Sujiatanti, S.T., M.T.	198409212012122001	Tim Penyiapan Materi
6.	Totok Yulianto, S.T., M.T.	197007311995121001	Tim Penyiapan Materi
7.	Ahmad Nasirudin, S.T., M. Eng	197610292002121003	Tim Penyiapan Materi
8.	Danu Utama, S.T., M.T.	199010082018031001	Tim Penyiapan Materi
9.	Erzad Iskandar Putra, S.T., M.T.	1989202011058	Tim Penyiapan Materi
Tendik			
1	Rena Rosyardani, SE., Ak	198308182010122002	Tim Admin & Pendukung Materi

2	Sri Pangestu, A. Md	19731023 200701 2001	Sekretaris
3	Retnowati Dharma S., Amd.Ak	197309212008102001	Bendahara
4	Andri Pratama	1988 2018 21340	Tim Pendukung Kegiatan Non Akademik
5	Muhammad Riyandito F Akbar	1998202241093	Tim Dokumentasi
Mahasiswa			
1	Raybonda Reinaldi Winarko	5018201014	Tim Konsumsi
2	Akhdan Baihaqi	5018201094	Tim Konsumsi
3	Sultan Raihan	5018211002	Tim Asisten Pemateri
4	Abdullah Washil	5018211004	Tim Asisten Pemateri
5	I Dewa Gde Sriwisnu Aji Kesawa	5018211021	Tim Transportasi
6	Matthew Santosa	5018211029	Tim Asisten Pemateri
7	Damian Raven Dewantara	5018211040	Tim Asisten Pemateri
8	Pradnya Darana Wiratama	5018211047	Tim Dokumentasi
9	Gedy Lydian Aris	5018211052	Tim Asisten Pemateri
10	Joan Rike Batosai	5018211067	Tim Asisten Pemateri
11	Mulki Wali Adika Timur	5018211080	Tim Asisten Pemateri
12	Mustika Sery	5018211084	Tim Dokumentasi
13	Azrul Mahastra Nasatya	5018221022	Tim Asisten Pemateri
14	Ghulam Mubarak	5018221023	Tim Transportasi
15	Diwanto Riko Sitanggung	5018221034	Tim Asisten Pemateri
16	Deven Darrell Pakpahan	5018221085	Tim Asisten Pemateri
17	Ahmad hamdiy ar raa biyy	5018221111	Tim Transportasi
18	Muhammad Yassar Taqi Allam	5018221125	Tim Dokumentasi
19	Dea Putri Ubaidah	5018201004	Tim Admin dan Pendukung Materi
20	Olivia Regita Pramesti	5018201093	Tim Admin dan Pendukung Materi

6. Susunan acara Short Courses

Day/Date	Time	Activities	Venue
		Sub Course	
Monday, 18 September 2023	All Day	Participants Arrival (Check in Country Heritage Surabaya)	Juanda International Airport
Tuesday, 19 September 2023	10.00-11.30	Welcome Session, Introduction Department of Naval Architecture	DoNA Gallery Room
	11.30-13.00	Pray and Lunch	Manarul Ilmi, DoNA
	13.00-14.30	Explanation term of project and meet with student Mentor	DoNA Gallery Room
	14.30-15.15	Pray and Break	Manarul Ilmi, DoNA
	15.15-17.30	Arrange production workshop schedule	DoNA Gallery Room
	17.30-18.00	Pray and Back to Hotel	Manarul Ilmi, DoNA
Wednesday, 20 September 2023	08.30-11.30	Course Ship Design Analysis (Maxsurf) and Production Method (Fibreglass laminate Method)	DoNA Gallery Room
	11.30-13.00	Pray and Lunch	Manarul Ilmi, DoNA
	13.00-16.00	Course Introduction Remote Control and Instrumentations	DoNA Gallery Room
	16.00-18.00	Workshop	ITS
	17.30-18.00	Pray, and Back to Hotel	Country Heritage
Thursday, 21 September 2023	08.30-11.30	Workshop	DoNA Gallery Room
	11.30-13.00	Pray and Lunch	Manarul Ilmi, DoNA
	13.00-17.30	General Courses	DoNA Gallery Room
	17.30-18.00	Back to Hotel & Dinner	
Friday, 22 September 2023	09.00-11.30	Workshop Ship Structure	DoNA Gallery Room
	11.30-13.00	Pray and Lunch	Manarul Ilmi, DoNA
	13.00-16.00	Pray, Workshop Assembly Model	BG Munaf
	16.00'	Back to Hotel	Country Heritage
Saturday, 23 September 2023	08.30-11.30	City Tour: Monkassel, Alun Alun Surabaya, Heroes Monumen,	Surabaya
	11.30-13.00	Pray, and Lunch	Masjid Cheng Ho
	13.00-15.30	Museum De Javasche Bank	Surabaya
	15.30-18.30	Pray, Visit Surabaya SMEs Center (Surabaya Kriya Gallery)	Surabaya
	18.30 - '	Back to Hotel and Dinner	Country Heritage
Sunday, 24 September 2023	08.00-18.00	Free Time	Country Heritage
Monday, 25 September 2023	08.00-11.30	Workshop Finishing General Arrangements	Surabaya
	11.30-13.00	Pray and Lunch	
	13.00-14.30	Workshop System and Trial	
	14.30-15.30	Pray and Break	
	15.00-17.30	Workshop System and Trial	
	17.30'	Back to Hotel	
Tuesday, 26 September 2023	09.00-11.30	Race/Test	Danau Delapan
	11.30-13.00	Pray and Lunch	Manarul Ilmi, DoNA
	13.00-14.30	Final Presentation and Exhibition	DoNA Gallery Room
	14.30-15.30	Pray and Break	Manarul Ilmi, DoNA
	16.00'	Back to Hotel & Dinner	Country Heritage
Wednesday, 27 September 2023	09.00-12.00	Departure (Check out max on 12.00 O'Clock)	Juanda International Airport

City Tour

Itinerary

08:30-09:00 Perjalanan ke Tugu Pahlawan

09:00-10:15 Tour Tugu Pahlawan

10:15-10:35 Perjalanan ke Alun-alun

10:35-11:30 Freetime explore.

11:30-13:00 ISHOMA @alun-alun

13:00-13:30- Perjalanan ke Mirota Batik

13:30-15:00 shopping

15:00-15:30 perjalanan ke tunjungan street

15:30-flexible free eksplor tunjungan street

7. Dokumentasi

- Hari ke 1 Senin

- Penjemputan Peserta Short Program 17 - 18 September 2023



- Hari ke-2 Selasa

- Pembukaan Acara DoNA Short Programme tanggal 19 September 2023





- Explanation Project tanggal 19 September 2023



- **Hari ke-3 Rabu**
Courses 1 CAD CAM 20 September 2023





Courses 2 Fibre Laminte for ship technology 20 September 2023





Courses 3 Introduction of Control and Instrumentation 20 September 2023



Preparation Workshop 20 September 2023



- **Hari ke-4 Kamis**
- Workshop 21 September 2023



- Meeting Kerjasama UniKL ITS 21 September 2023



- General Courses 21 September 2023



The poster features logos for ITS BANGKARA and ITS Global Engagement at the top. The main text reads: "This course is introduced to expose participants on the overview processes involved in ship design including the influences of statutory regulations, classification society rules and other related codes and conventions." Below this is a circular portrait of the guest lecturer, Muhammad Nasuha Bin Mansor. The text "GUEST LECTURE 'Overview of Ship Design'" is prominently displayed. At the bottom, it states the date and time: "Kamis, 21 September 2023 13.30 - 16.00" and the location: "AULA BG MUNAF DTP". The lecturer's affiliation is listed as "MARITIME ENGINEERING TECHNOLOGY UNIKL, MALAYSIA".



- **Hari ke-5 Jum'at**
Kunjungan BRIN IHL 22 September 2023



- **Lunch 22 September 2023**



- Workshop persiapan Trial 22 September 2023



- **Hari ke-6 Sabtu**
Surabaya City Tour 23 September 2023





- **Hari ke-7 Minggu**

Trial test committee 24 September 2023



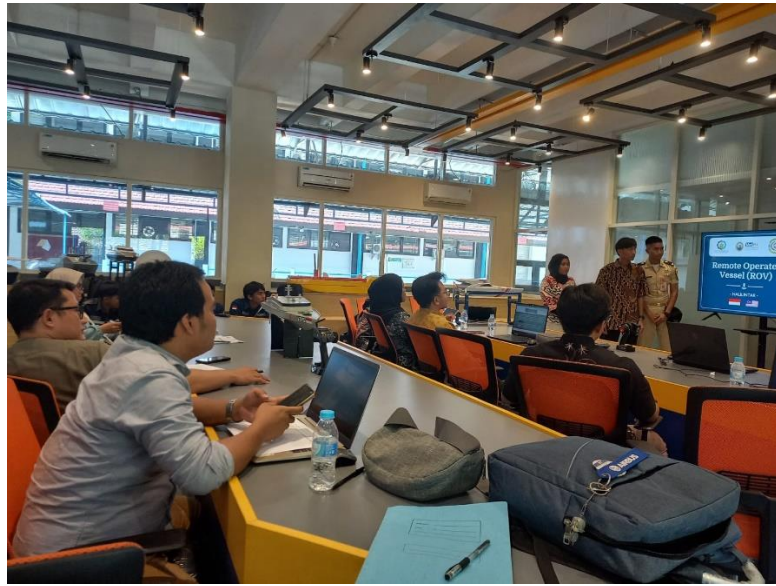
- **Hari ke-8 Senin**

Trial Workshop and Race 25 September 2023



- **Hari ke-9 Selasa**

Exhibition and Final Presentation 26 September 2023





- **Hari ke-10 Rabu**
Mengantar ke Bandara 27 September 2023



LAMPIRAN

- 1. Poster**
- 2. Paspur Peserta**

DoNa Short Project Development 2023

CALL FOR PARTICIPANTS

Short Program at Department Of Naval Architecture
Faculty Of Marine Technology Institute Teknologi Sepuluh Nopember, Indonesia

"Maritime Autonomous Surface Ships (MASS)"

Embark on an extraordinary maritime journey including:



Enriching & engaging courses, seminars, institute visits, and exhibition



Engage in an exhilarating case study where you'll collaborate with fellow students



Equipped with the latest tools, methods, and approaches in ship design for Autonomous Surface Ships



Seize this chance to sail into a world of innovation, knowledge, and hands-on experiences.

Date

August 7th – August 13th, 2023
18th - 27th September, 2023

Register

Link: <https://its.id/DoNaShortProgram23>

Place

ITS Campus, Surabaya, Indonesia



Fee

Free Accomodation

Eligibility

Bachelor students &
Master students

More info:

donashortprogram@gmail.com

Excluded

Flight ticket