



Date: 21.04.2021

MINUTES OF MEETING OF THE BOARD OF STUDIES in MARINE ENGINEERING

The meeting of the Board of Studies in Marine Engineering (UG) of the Department of Marine Engineering, School of Maritime studies, VISTAS held on 21.04.2021 at 02.00 pm in conference Hall to discuss the **revision of UG Program Curriculum & Syllabus of B.E. Marine Engineering.**

Members Present:

1. Mr. M RAJESH – Course coordinator (Chairman –BOS)
2. Mr. R RAVINDRAN - Faculty MASSA Maritime institute (External expert)
3. Mr. MANESSEH CHRISTOPHER KARNAN – Course coordinator (Internal member)
4. Mr. G MURALIDHARAN – Course coordinator (Internal member)
5. Mr. A SRIDHAR – Sr.Faculty- Marine engineering (Internal member)
6. Mr. E NANDHAKUMAR - Alumni member

Objective of the Revision :

- To develop the curriculum based on Learning Outcome based Curriculum Framework (LOCF)
- To consider present trend in the respective fields and industry relevant interdisciplinary courses.
- To implement the guidelines and suggestions of the new education policy while preparing the curriculum.
- To eliminate the obsolete syllabus contents and introducing the latest / updated technologies, new knowledge and practices.

- To design the curriculum focussing on skill development, Employability and Entrepreneurship

Feedback from Stakeholders:

- The syllabus is to be revised with the current trends of maritime Industry

Number of Courses updated : 18 New Courses in UG






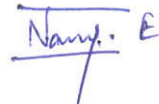
% of Syllabus Revision in the Program: UG 22%

Status of Implementation of CBCS, ECS and LOCF: Revised Curriculum and Syllabus is based Choice Based Credit System (CBCS), Elective Course System (ECS) and following Learning outcome-based curriculum framework (LOCF) guidelines and template.

Considered the Program Curriculum and Syllabus presented before the Board of Studies and discussed in details and resolved as follows:

- **Approved the syllabus of B.E., Marine engineering for the academic year 2021-22 onwards under Regulation 2021.**
- **Recommendations of BOS that require consideration**

Signature of the Members:

1.  (M. RAJESH)
2.  (R. RAVINDRAN)
3.  (C M BARANAN)
4.  (G. MURUGUDHARAN)
5.  (A. SRIDHAR)
6.  (NANDHA KUMAR)

Annexure (Revision of UG Programmes/courses focussed on employability/entrepreneurship/skill development and New/Updated courses introduced during the Academic year 2021-22)

Name of the Program	Name of the Course	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
B.E., Marine Engineering	Fluid Mechanics	2021-22	Employability
	Pumps and pumping system	2021-22	Employability
	Material science -I	2021-22	Employability
	Material science - II	2021-22	Employability
	Marine machinery drawing -I	2021-22	Employability
	Marine machine drawing -II	2021-22	Skill development
	Marine auxiliary machinery	2021-22	Skill development
	Advance Marine workshop – MEP 1	2021-22	Skill development
	Technical paper and project	2021-22	Entrepreneurship
	Electrical engineering basic lab + workshop	2021-22	Skill development
	Analog Electronics	2021-22	Skill development
	Electrical machines lab	2021-22	Skill development
	Digital electronics and communication	2021-22	Employability
Electronics and control systems for marine	2021-22	Employability	

	machinery		
	Advanced marine control engineering and automation	2021-22	Employability
	Control systems and automation lab	2021-22	Employability
	Pumps and auxiliaries lab -I	2021-22	Skill development
	Pumps and auxiliaries lab -II	2021-22	Skill development