

VELS UNIVERSITY: SCHOOL OF MARITIME STUDIES

DEPARTMENT OF MARINE ENGINEERING

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

Date : 18th December 2014

Time : 11.00 AM

**Venue : Conference Room,
School of Maritime Studies**

The meeting of the Board of Studies of the Department of Marine Engineering, School of Maritime Studies, Vels University was held at 11.00 AM on 18.12.2014 (Thursday) in the Conference Room of the School of Maritime Studies to consider the curriculum and syllabus for B.E Marine Engineering Program.

The following persons were present and attended the meeting:

Sl.No	Name & Address	Designation
1	Mr. R. Ravindran Marine Chief Engineer, Marine Consultant, Chennai Phone No : 98409-200881 Email ID : srialamelu@gmail.com	External Expert
2	Mr. Rajan Isaac Marine Chief Engineer, Marine Consultant, Chennai Phone No : 98400-20393 Email ID : rajanisaac@yahoo.com	External Expert
3	Mr. S.U. Prithvi Junior Engineer, Synergy Maritime, Chennai Phone No : 95513-87071 Email ID : prithvi.jaya@yahoo.com	Alumini Member
4	Capt. N.Kumar Director, School of Maritime Studies, Vels University, Chennai Phone No : 93618-52531 Email ID : director.smts@velsuniv.ac.in	Member
5	Mr. Ajit Seshadri Course Co-ordinator, BE Marine Engineering School of Maritime Studies, Vels University, Chennai. Phone No : 98402-26049 Email ID : ajit.smts@velsuniv.ac.in	Convenor- BOS
6	Mr. M. Rajesh OIC , Ship in Campus, School of Maritime Studies, Vels University, Chennai. Phone No : 94441-33286 Email ID : rajesh.smts@velsuniv.ac.in	Member

The meeting of the Board of Studies of the Department of Marine Engineering, School of Maritime Studies, Vels University was held to consider and formulate the curriculum and syllabus for B.E Marine Engineering Program based on Choice Based Credit System – CBCS as per UGC guidelines proposed to be introduced effective from the Academic Year 2015- 2016.

All the above listed members attended the meeting and deliberated on the curriculum and syllabus in detail. The Members were in agreement on the BE Marine Engineering Curriculum and Syllabus - based on Choice Based Credit System – CBCS as per UGC guidelines proposed to be introduced effective from the Academic Year 2015- 2016.

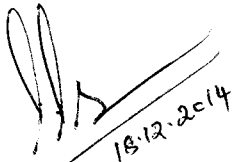
The following attended the meeting on the recommendations of the Committee on the subject matter.

- The course, “Electrical Engineering Lab – Basic” offered as discipline specific elective in Semester – I
- The course, “Introduction to Shipping” offered as new discipline specific elective in Semester – I
- The course, “Different Types of Ships”, offered as new discipline specific elective in Semester – I
- The course, “NSS – Paper 1”, offered as new generic elective course in Semester – I
- The course, “Computer Science”, offered as new skill enhancement elective course in Semester – I
- The course, “Basic Workshop – I”, offered as new skill enhancement course in Semester – I
- The course, “Safe Working Practices”, offered as discipline specific elective course in Semester – II
- The course, “Safe Working Practices on Board”, offered as new generic elective course in Semester – II
- The course, “Welding Practices”, offered as new generic elective course in Semester – II
- The course, “NSS – Paper 2”, offered as new generic elective course in Semester – II
- The course, “Strength of Materials Lab”, offered as skill enhancement elective course in Semester – II

- The course, “Basic Workshop – II”, offered as skill enhancement elective course in Semester – II
- The course, “Advanced Marine Workshop(Deck/M/C)”, offered as discipline specific elective course in Semester – III
- The course, “Marine Machine Design and Drawing”, offered as new generic elective course in Semester – III
- The course, “Machine Shop Practices”, offered as new generic elective course in Semester – III
- The course, “NSS – Paper 3”, offered as new generic elective course in Semester – III
- The course, “Advanced Marine Workshop (MAM I)”, offered as discipline specific elective course in Semester – IV
- The course, “AutoCAD Principles and Practices”, offered as new generic elective course in Semester – IV
- The course, “Marine Functions of Systems”, offered as new generic elective course in Semester – IV
- The course, “NSS – Paper 4”, offered as new generic elective course in Semester – IV
- The course, “Lube Oil, Fuel Oil and Cooling Systems”, offered as skill enhancement elective course in Semester – IV
- The course, “Marine Environmental Pollution Control”, offered as discipline specific elective in Semester – V
- The course, “Seamanship Practical”, offered as discipline specific elective in Semester – V
- The course, “Advanced Marine Workshop (MEP I)”, offered as discipline specific elective in Semester – V
- The course, “Marine Hydraulic Systems”, offered as discipline specific elective in Semester – V
- The course, “Seamanship and Commercial Geography”, offered as generic elective in Semester – V
- The course, “Anti-Pollution Lab(In Advanced Mar W/S)”, offered as generic elective in Semester – V

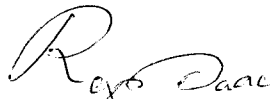
- The course, "NSS – Paper 5", offered as new generic elective in Semester – V
- The course, "Control Engineering Lab", offered as skill enhancement elective in Semester – V
- The course, "Marine Automation", offered as new skill enhancement elective in Semester – V
- The course, "Advanced Marine Workshop – Refrigeration And Airconditioning Trainer", offered as discipline specific elective in Semester – VI
- The course, "Electrical Lab II + Electrical Workshop", offered as discipline specific elective in Semester – VI
- The course, "Marine Refrigeration", offered as discipline specific elective in Semester – VI
- The course, "E/R Simulator Practice", offered as new generic elective in Semester – VI
- The course, "NSS – Paper 6", offered as generic elective in Semester – VI
- The course, "Ship-in-Campus – Diesel Engine Lab", offered as skill enhancement elective in Semester – VI
- The course, "Ship-in-Campus – Ship Construction", offered as skill enhancement elective in Semester – VI
- The course, "Advanced Marine Workshop (Electrical)", offered as discipline specific elective in Semester – VII
- The course, "Energy Efficiency on Ships", offered as new discipline specific elective in Semester – VII
- The course, "Ship Repair and Surveys Practices", offered as new discipline specific elective in Semester – VII
- The course, "Control Engineering Lab", offered as generic elective in Semester – VII
- The course, "Ship-in-Campus (Pumps and Auxiliaries)", offered as skill enhancement elective in Semester – VII
- The course, "Ship-in-Campus (Watch-Keeping)", offered as skill enhancement elective in Semester – VII
- The course, "Marine Engineering Practice III – Simulator Lab", offered as discipline specific elective in Semester – VIII

- The course, "Marine Machinery Start-Up (S-I-C)", offered as new discipline specific elective in Semester - VIII
- The course, "Boiler Shop", offered as generic specific elective in Semester - VIII
- The course, "Management of Ships", offered as new generic elective in Semester - VIII
- The course, "Fire-Fighting / Life-Saving Appliances Lab", offered as skill enhancement elective in Semester - VIII
- The course, "Communication Lab", offered as skill enhancement elective in Semester - VIII
- The course, "Watch Keeping Principles and Practices", offered as skill enhancement elective in Semester - VIII



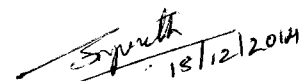
Mr. R. Ravindran
Marine Chief Engineer,
Marine Consultant, Chennai

External Expert




Mr. Rajan Isaac 18/12/2014
Marine Chief Engineer,
Marine Consultant, Chennai

External Expert



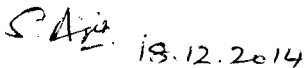
Mr. S.U. Prithvi
Junior Engineer,
Synergy Maritime, Chennai

Alumini Member



Capt. N. Kumar
Director, School of Maritime Studies,

Member



Mr. Ajit Seshadri
School of Maritime Studies,
Course Co-ordinator, BE Marine Engineering

Convenor- BOS



Mr. M. Rajesh
OIC, Ship in Campus,
School of Maritime Studies,

Member