

University of Strathclyde Experience

Accomplishments

- Performed well in overall academic exams, 83/100 on average
- Reflected on course content actively in lectures and seminars
- Participated in TA sessions actively and analysed, discussed course-related contents and exercises
- Demonstrated well understanding of FEM, CFD, Seakeeping, Manoeuvring, Structural Analysis, Ship Design through all 5 courses
- Mastered three course-related projects
 - Seakeeping project
 - Studied wave loads and experimental methods
 - Investigated moment of inertia of a ship hull
 - Performed an impressive presentation in front of the class
 - FEM project
 - Studied ANSYS APDL for FEM analysis
 - Investigated relevant elements such as beam element
 - Assessed the Jacket Structure dynamic analysis
 - VPP project
 - Investigated all force components regarding a high-speed sailing yacht
 - Formulated a velocity prediction model using Excel
 - Assessed the performance of the boat
 - CFD project
 - Studied the basics of CFD and application of such CFD techniques
 - Assessed the VIV behaviour of a slender riser using Star-CCM+
- Overall, dedicated a self-motivated research work ethic, led to strong academic performance, anticipated to devote more in scientific researches

Master thesis accomplishment

- Accomplished the 1st year master study and aiming to apply for Ph.D. program
- Performed well in master study, currently A/A average result