



COLLEGE OF MARITIME EDUCATION

CURRICULUM MAP FOR BACHELOR OF SCIENCE IN NAVAL ARCHITECTURE AND MARINE ENGINEERING

- PO1 - Apply knowledge of mathematics, science, naval architectural and marine engineering, and design to solve engineering problems
- PO2 - Design and conduct experiments, as well as to analyze and interpret data
- PO3 - Design floating vessels, its fittings and powering to meet the required specifications within realistic constraints
- PO4 - Ability to function on multi-disciplinary terms
- PO5 - Identify, formulate and solve naval architectural and marine engineering problem
- PO6 - Understand professional and ethical responsibilities
- PO7 - Communicate effectively using English language
- PO8 - Understand the impact of naval architectural and marine engineering solutions in a global, economic, environmental and societal context
- PO9 - Engage in lifelong learning and keep abreast with developments in the field of specialization and/or profession;
- PO10 - Understand the impact and implications of various contemporary issues in the global and social context of the profession;
- PO11 - Use techniques, skills and modern engineering tools necessary for naval architecture and marine engineering practice
- PO12 - know and understanding of engineering and management principles as a member and leader in a team, to manage projects and in multidisciplinary environment

LEGEND:

- I – Introductory
- E – Enabling
- D – Demonstrative



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PROGRAM OUTCOMES									
COURSE TITLE 1 ST Year / 1 ST Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
FCL 1101						I			
GEC 1000				I		I	I		
GEC 4000			I	I	E	I	I		
GEC 5000		I						I	
GEE 1000 GEE 1000L					I	I			
GEN 0103 GEN 0103L	I	E			I				
NSTP 1101				E				E	
PE 1102				E				E	

PROGRAM OUTCOMES												
COURSE TITLE 1 ST Year / 2 ND Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
COMP 0300 COMP 0300L												
FCL 1202						I						
GEC 6000			I	I	I	I						
GEC 8000					I	I						
GEN 0106 GEN 0106	E	E										
GEN 0144	E	E						E				
GEN 0145	E			E	E							
NGEC 3000		I						I				
NSTP 1202				E				E				
PE 1203				E				E				



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PROGRAM OUTCOMES												
COURSE TITLE 2nd Year / 1st Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 2103						I						
FIL 1000					E	I						
GEN 0110 GEN 0110				I								
NAME 2102 NAME 2102L	E		E	E	E							
NAME 2103 NAME 2103L	E	E		D							D	
NAME 2104 NAME 2104L	E		E									
NAME 2105L	I								I	I		
NAME 2106	I										D	
PE 2104				I								I

PROGRAM OUTCOMES												
COURSE TITLE 2nd Year / 2nd Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 2204						I						
FIL 2000					D	I						
NAME 2207 NAME 2207L	E	E	E		D						E	
NAME 2208 NAME 2208L	I											
NAME 2209 NAME 2209L											D	
NAME 2210 NAME 2210L	I	E						I				
NAME 2211	I											
NGEC 2000	E			E	E							
PE 2205				E				E				
RZL 1000						I						



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PROGRAM OUTCOMES												
COURSE TITLE 3rd Year / 1st Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 1305						I						
HUM 3000			I	I	I	I						
GEC 2000						I						
GEC 7000	E		E	E	E							
GEN 0107	I				I							
NAME 3112	E		E		E			I			E	E
NAME 3113	I				E							
NAME 3115 NAME 3115L	D	D	D		D						D	
NAME 3116 NAME 3116L	E		E		D						D	

PROGRAM OUTCOMES												
COURSE TITLE 3rd Year / 2nd Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 3206						I						
ENG 2000							I					
GEC 3000			D	I	I							
NAME 3217	I											
NAME 3218	I											
NAME 3219	E											
NAME 3220	E											
NAME 3221 NAME 3221L	I											
NAME 3222 NAME 3222L	D	D	D		D						D	
NGEC 1000					I	I						



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PROGRAM OUTCOMES												
COURSE TITLE 4 th Year / 1 st Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 4107						I						
NAME 4123 NAME 4123L	D		D		D						D	
NAME 4124 NAME 4124L	E	D	D								D	
NAME 4125 NAME 4125L	D		D		D						D	
NAME 4126	E											
NAME 4127				I		I	I	I		I		I

PROGRAM OUTCOMES												
COURSE TITLE 4 th Year / 2 nd Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
FCL 4208						I						
NAME 4228 NAME 4228L	I	I			I						I	
NAME 4229 NAME 4229L	I											
NAME 4230 NAME 4230L	E	D	D		D						D	
NAME 4231 NAME 4231L	E											
NAME 4232 NAME 4232L	E	D	D		D						D	
NAME 4333	E		E		E						E	
NAME 4334												



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PROGRAM OUTCOMES												
COURSE TITLE 5th Year / 1st Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
NAME 5135 NAME 5135L	D	D	D		D						D	
NAME 5136 NAME 5137L	E		D		D						D	
NAME 5137 NAME 4231L												
NAME 5138	D			D		D	D	D			D	D

PROGRAM OUTCOMES												
COURSE TITLE 5th Year / 2nd Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
NAME 5239 NAME 5135L	D	D	D		D							
NAME 5240	D	D		D		D	D	D			D	
NAME 5241 NAME 5137L		D	D		D						D	
NAME 5242	E		E			E		E	E	E	E	E
NAME 5243	E		E		E	E		E		E		
NAME 5244	E	D	D		D						D	

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