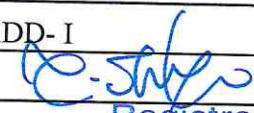




AMET
(ACADEMY OF MARITIME EDUCATION AND TRAINING)
 (A *de novo* Category DEEMED TO BE UNIVERSITY Under Section 3 of UGC Act 1956)

LIST OF REVISED COURSES - B.E NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING

S.NO	COURSE CODE	COURSE NAME	YEAR OF OFFERING THE COURSE
ACADEMIC YEAR - (2015 - 2016)			
1	UALE12	Technical English – I	2015-2016
2	UAMT13	Engineering Mathematics - I	2015-2016
3	UAEE11	Basic Electrical and Electronics Engineering	2015-2016
4	UAEVC1	Environmental Science	2015-2016
5	UAPH12	Engineering Physics	2015-2016
6	UAMC11	Engineering Mechanics	2015-2016
7	UAIT12	Computer Basics and Utilities	2015-2016
8	UALE1A	Soft skill -I	2015-2016
9	UAWS1B	Workshop Practices-I	2015-2016
10	UAIT1A	Computer Practical Laboratory	2015-2016
11	UAMC1B	Engineering Graphics	2015-2016
12	UALE202	Technical English - II	2015-2016
13	UAMT203	Engineering Mathematics - II	2015-2016
14	UAMC204	Material Science	2015-2016
15	UACHC01	Engineering Chemistry	2015-2016
16	UAMC205	Applied Thermodynamics	2015-2016
17	UALE2PA	Soft skill -II	2015-2016
18	UAMC1PA	Engineering Mechanics Laboratory	2015-2016
19	UAPH2PB	Physics Laboratory	2015-2016
20	UAEE1PB	Electrical & Electronics Engineering Laboratory	2015-2016
21	UAWS2PB	Workshop Practice - II	2015-2016
22	UAMT301	Engineering Mathematics – III	2015-2016
23	UANA302	Fundamentals of Naval Architecture	2015-2016
24	UANA303	Theory of Ships	2015-2016
25	UAMC309	Strength of Materials	2015-2016
26	UAMC308	Fluid Mechanics	2015-2016
27	UAEE304	Marine Electrical Technology	2015-2016
28	UAME302	Marine Engineering	2015-2016
29	UANA3PA	Ship Design Calculation Drawing & Drafting - I SDCADD- I	2015-2016
30	UAMCCPC	Fluid Mechanics Laboratory	2015-2016

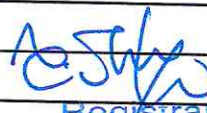

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 # 135, East Coast Road,
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31	UALECPD	Soft Skills-III	2015-2016
32	UAMTC04	Probability and Statistics	2015-2016
33	UANA401	Resistance of Ships	2015-2016
34	UANA402	Theory of Structures	2015-2016
35	UANA407	Numerical Solution of ODE and PDE	2015-2016
36	UANA408	Shipyard Infrastructure & Layout	2015-2016
37	UANA403	Marine Materials and Metal Joining Techniques	2015-2016
38	UANA404	Strength of Ships	2015-2016
39	UAMCC02	Design of Machine Elements	2015-2016
40	UANA4PA	Ship Design Calculation Drawing & Drafting – II SDCADD-II	2015-2016
41	UAME4PB	Marine Engineering Laboratory	2015-2016
42	UAMCCPG	Strength of Materials Laboratory	2015-2016
43	UALECPE	Soft Skill-IV	2015-2016
44	UCNA501	Wave Hydrodynamics	2015-2016
45	UANA501	Propulsion of Ships	2015-2016
46	UANA502	Marine Design	2015-2016
47	UANA504	Ship Production	2015-2016
48	UANA505	Ship Repair & Conversion Technology	2015-2016
49	UANA506	Corrosion & Protection Engineering	2015-2016
50	UANA507	Hull Survey & Hull Health Monitoring	2015-2016
51	UANA508	Marine Transportation & Engineering Economics	2015-2016
52	UANA509	Cost Estimation & Tendering for Shipbuilding & Allied Industry	2015-2016
53	UABS508	Shipyard Management/Practices	2015-2016
54	UANA503	Fundamentals of Offshore Structures	2015-2016
55	UANA5PA	Ship Design Calculation Drawing & Drafting – III SDCADD-III	2015-2016
56	UANA5PB	Software Lab – AVEVA MARINE - TRIBON - II	2015-2016
57	UANA5PC	Seamanship Lab	2015-2016
58	UANA602	Computational Marine Hydrodynamics	2015-2016
59	UANA603	Structural Design of Ships	2015-2016
60	UANA604	Structural Design of offshore Structures	2015-2016
61	UANA606	Advanced Offshore Engineering	2015-2016
62	UANA607	Foundation of Offshore Structures	2015-2016
63	UANA608	Piping Engineering	2015-2016
64	UANA609	Elements of Geo - Technical Engineering	2015-2016
65	UANA610	Quality Health Safety and Environmental Management	2015-2016
66	UANA611	Work Force Management in Industry	2015-2016
67	UANA605	Sea keeping & Controllability of Ships	2015-2016
68	UANA6PA	Ship Design Calculation Drawing & Drafting – IV SDCADD-IV	2015-2016

69	UANA6PB	Software Lab – DnV SESAM	2015-2016
70	UANA6PC	Minor Project	2015-2016
71	UANA702	Dynamics of Offshore Structures	2015-2016
72	UANA703	Constructability of Offshore Structures	2015-2016
73	UANA704	Finite Element Analysis of Offshore Structures	2015-2016
74	UANA610	Quality Health Safety and Environmental	2015-2016
75	UANA705	Offshore Standards and Recommended Practices	2015-2016
76	UANA706	Warship Design & Construction	2015-2016
77	UANA707	Marine Robotics	2015-2016
78	UANA708	Design of Floating Offshore Structures	2015-2016
79	UANA7PA	Drafting – V SDCADD-V	2015-2016
80	UANA7PB	PDMS	2015-2016
81	UANA7PC	Shipyard Training	2015-2016
82	UANA801	Production and Project Management	2015-2016
83	UANA8PA	Ocean Engineering& Marine Hydrodynamics- Model Testing	2015-2016
84	UANA8PB	Major Design Project	2015-2016

ACADEMIC YEAR - (2016 - 2017)

1	UBLEC01	Technical English – I	2016-2017
2	UBMTC01	Engineering Mathematics - I	2016-2017
3	UBPHC01	Engineering Physics-I	2016-2017
4	UBCHC01	Engineering Chemistry	2016-2017
5	UBITC01	Fundamentals Of Computer Programming	2016-2017
6	UBBTC01	Environmental Studies	2016-2017
7	UBMCCPA	Engineering Graphics	2016-2017
8	UBCHCPA	Engineering Chemistry laboratory	2016-2017
9	UBITCPA	Fundamental of computer Programming laboratory	2016-2017
10	UBLECPB	Soft skill –I	2016-2017
11	UBLEC02	Technical English – II	2016-2017
12	UBMTC02	Engineering Mathematics - II	2016-2017
13	UBPHC02	Engineering Physics- II	2016-2017
14	UBEEC01	Basics Of Electrical & Electronics Engineering	2016-2017
15	UBMCC03	Engineering Mechanics	2016-2017
16	UBMCC11	Thermodynamics	2016-2017
17	UBPHCPA	Engineering Physics Laboratory	2016-2017
18	UBEECPA	Basics Of Electrical & Electronics Laboratory	2016-2017
19	UBWSCPA	Engineering Practices laboratory-I	2016-2017
20	UBLECPC	Soft skill –II	2016-2017
21	UBMTC03	Engineering Mathematics – III	2016-2017


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22	UCNA301	Fundamentals of Naval Architecture	2016-2017
23	UBMCC09	Strength of Materials	2016-2017
24	UBMCC04	Fluid Mechanics	2016-2017
25	UBEE308	Principles Of Marine Electrical Technology	2016-2017
26	UBMCC06	Material Science	2016-2017
27	UCNA3PA	Drafting – I SDCADD- I	2016-2017
28	UBMCCPG	Strength Of Materials Laboratory	2016-2017
29	UBLECPD	Soft Skills-III	2016-2017
30	UBMTC04	Probability and Statistics	2016-2017
31	UCNA401	Stability Of Ships - Theory & Calculations	2016-2017
32	UCNA402	Theory Of Structures	2016-2017
33	UCNA403	Marine Materials and Metal Joining Techniques	2016-2017
34	UCNA404	Marine Hydrodynamics	2016-2017
35	UCNA405	Fundamentals Of Offshore Structures	2016-2017
36	UCNA4PA	Ship Design Calculation Drawing & Drafting – II SDCADD-II	2016-2017
37	UCNA4PB	Software Laboratory - I	2016-2017
38	UBLECPE	Soft Skill-IV	2016-2017
39	UCNA501	Resistance And Propulsion Of Ships	2016-2017
40	UCNA502	Strength Of Ships	2016-2017
41	UCNA503	Design Of Offshore Structures	2016-2017
42	UCNA504	Hull Survey And Hull Health Monitoring	2016-2017
43	UCNA505	Foundation Of Offshore Structures	2016-2017
44	UCNA506	Statutory Regulations And Classification Rules	2016-2017
45	UCNA507	Marine Transportation And Engineering Economics	2016-2017
46	UCNA508	Physical Oceanography And Ocean Resources	2016-2017
47	UCNA509	Quality Health Safety And Environmental Management	2016-2017
48	UBMEC01	Marine Engineering-I	2016-2017
49	UCLECPA	Professional Ethics And Personality Development - I	2016-2017
50	UCNA5PA	Ship Design Calculation Drawing & Drafting – III SDCADD-III	2016-2017
51	UCNA5PB	Software Laboratory - II	2016-2017
52	UBNS5PB	Software Laboratory - II	2016-2017
53	UCNA601	Seakeeping And Maneuvering Of Ships	2016-2017
54	UCNA602	Structural Design of Ships	2016-2017
55	UCNA603	Ship Design - I	2016-2017
56	UCNA604	Ship Systems Design	2016-2017
57	UCNA605	Dynamics Of Offshore Structures	2016-2017
58	UCNA606	Introduction To Finite Element Analysis	2016-2017
59	UCNA607	Technical Aspects Of Ship Handling In Ports And Harbours	2016-2017

60	UCNA608	Cost Estimation And Tendering For Ship Building And Allied Industry	2016-2017
61	UCNA609	Fundamentals Of Subsea Engineering	2016-2017
62	UBMEC02	Marine Engineering - II	2016-2017
63	UCLECPB	Professional Ethics And Personality Development - II	2016-2017
64	UCNA6PA	Drafting – IVSDCADD-IV	2016-2017
65	UBMECPA	Marine Engineering Laboratory	2016-2017
66	UCNA6PB	Software Laboratory - III	2016-2017
67	UBIVCPZ	Industrial/Shipyard Training	2016-2017
68	UCNA701	Ship Construction	2016-2017
69	UCNA702	Ship Design - II	2016-2017
70	UCNA703	Corrosion And Protection Engineering	2016-2017
71	UCNA704	Experimental And Ocean Instrumentation	2016-2017
72	UCNA705	Small And High Speed Craft Design	2016-2017
73	UCNA706	Introduction To Computational Fluid Dynamics	2016-2017
74	UCNA707	Submarine Pipeline And Risers	2016-2017
75	UCNA7PA	Ship Design Calculation Drawing & Drafting – VSDCADD-V	2016-2017
76	UCNA7PB	Project Design & Its Methodology (Practical)	2016-2017
77	UCNA7PC	Experimental Ship Hydrodynamics	2016-2017
78	UCNA7PD	Software Laboratory - IV	2016-2017
79	UCMPCPY	Minor Project	2016-2017
80	UCNA801	Shipyard Practice And Project Management	2016-2017
81	UBNA8PC	Major Project	2016-2017

ACADEMIC YEAR - (2017 - 2018)

1	UCITC01	Introduction to Programming in C and C++	2017-2018
2	UCITCPA	Programming in C and C++ Lab	2017-2018
3	UCLECPB	Spoken English - I	2017-2018
4	UCPHC02	Engineering Physics-II	2017-2018
5	UCPHCPB	Engineering Physics laboratory	2017-2018
6	UCLECPC	Spoken English - II	2017-2018
7	UDMTC03	Mathematics – III	2017-2018
8	UDNA302	Marine Materials and Welding Technology	2017-2018
9	UDNA303	Marine Hydrodynamics	2017-2018
10	UDMCC02	Strength of Materials	2017-2018
11	UDVCC02	Value Added Training Program - 1	2017-2018
12	UDVCC03	Industrial Visit - I	2017-2018
13	UCLECPD	Spoken English - III	2017-2018
14	UDNA3PA	Strength of Materials Lab	2017-2018
15	UDNA3PB	Electrical Workshop	2017-2018

16	UDNA3PC	Ship Drawing - Lines Plan	2017-2018
17	UDNA401	Thermodynamics and Marine machinery	2017-2018
18	UDNA402	Marine Production Technology	2017-2018
19	UDNA403	Elements of Offshore Engineering	2017-2018
20	UDNA404	Theory of Ships	2017-2018
21	UDVCC04	Ethics and Values	2017-2018
22	UDNAO01	Basic Principles of Marine Vehicle Design	2017-2018
23	UDNAO02	Marine Pollution Regulations	2017-2018
24	UDVCC05	Value Added Training Program - II	2017-2018
25	UDVCC06	Industrial Visit - II	2017-2018
26	UDLECPD	English Laboratory- IV	2017-2018
27	UDNA4PA	Hydrostatics & Stability Laboratory	2017-2018
28	UDNA4PB	Surface Modelling and Analysis - Software Laboratory	2017-2018
29	UDBTC02	Biology for Engineers	2017-2018
30	UDNA501	Strength of Ships	2017-2018
31	UDNA502	Ship Resistance and Propulsion	2017-2018
32	UDITC03	Object Oriented Programming	2017-2018
33	UDNAP01	Numerical Analysis and Programming	2017-2018
34	UDNAP02	Wave Mechanics	2017-2018
35	UDNAP03	Lifting Surfaces for Marine Applications	2017-2018
36	UDNAO03	Ocean Energy	2017-2018
37	UDVCC08	Value Added Training Program - III	2017-2018
38	UDVCC09	Industrial Visit - III	2017-2018
39	UDITCPB	Object Oriented Programming	2017-2018
40	UDNA5PA	Ship Strength Laboratory	2017-2018
41	UDNA5PB	Structural Modelling - Software Laboratory	2017-2018
42	UDNA5PC	Internship – I	2017-2018
43	UDNA602	Ship Motion and Control	2017-2018
44	UDNAP04	CAD/CAM in Ship Building	2017-2018
45	UDNAP05	Advanced Offshore Engineering	2017-2018
46	UDNAP06	Fishing Vessel Technology	2017-2018
47	UDNAP09	Fluid Structure Interaction	2017-2018
48	UDNAO05	Introduction to Engineering Simulations – A Hands-on practice	2017-2018
49	UDNAO06	Fishing Vessel and Workboat Design	2017-2018
50	UDNAO07	Ocean Observation and Instrumentation techniques	2017-2018
51	UDVCC11	Finishing School Training - I	2017-2018
52	UDVCC12	Value Added Training Program - IV	2017-2018
53	UDVCC13	Industrial Visit - IV	2017-2018

54	UDNA6PA	Marine Hydrodynamics Laboratory	2017-2018
55	UDNA6PB	Offshore Structure Design - Software Laboratory	2017-2018
56	UDNA701	Advanced Ship Technology	2017-2018
57	UDNAP11	Advanced Ship Design	2017-2018
58	UDNAP12	Computer Aided Structural Design (FEA)	2017-2018
59	UDNAP15	Vibration of Floating Structures	2017-2018
60	UDNAP16	High Performance Marine Vehicles	2017-2018
61	UDNAP17	Marine Corrosion and Control	2017-2018
62	UDNAP18	Theory and Practice in Marine CFD	2017-2018
63	UDNAP19	Shipyards Practices and Project Management	2017-2018
64	UDNAP20	Guidance and Control of Marine Vehicles	2017-2018
65	UDNAP21	Warship Technology	2017-2018
66	UDNAO08	Introduction to Underwater Technology	2017-2018
67	UDNAO09	Pipeline and Riser Engineering	2017-2018
68	UDNAO10	Hull Inspection	2017-2018
69	UDVCC14	Finishing School Training - II	2017-2018
70	UDVCC15	Value Added Training Program - V	2017-2018
71	UDVCC16	Industrial Visit - V	2017-2018
72	UDNA7PA	Ship System Drawing & Launching Calculations Laboratory	2017-2018
73	UDNA7PB	Numerical Ship Hydrodynamics – Software Laboratory	2017-2018
74	UDNA7PD	Internship - II	2017-2018

ACADEMIC YEAR - (2018 - 2019)

1	UDLEC01	Technical English I	2018-2019
2	UDPHC01	Engineering Physics I	2018-2019
3	UDMTC01	Engineering Mathematics I	2018-2019
4	UDCHC01	Engineering Chemistry	2018-2019
5	UDVCC01	Induction program	2018-2019
6	UDLECPA	English Language Laboratory I	2018-2019
7	UDPHCPA	Engineering Physics Laboratory	2018-2019
8	UDCHCPA	Engineering Chemistry Laboratory	2018-2019
9	UDWSCPA	Workshop Practices	2018-2019
10	UDPHC02	Engineering Physics II	2018-2019
11	UDMTC02	Engineering Mathematics II	2018-2019
12	UDEEC01	Basic Electrical Engineering	2018-2019
13	UDITC02	Programming for Problem Solving	2018-2019
14	UDBTC01	Environmental Science	2018-2019
15	UDLECPB	English Laboratory II	2018-2019
16	UDEECPA	Basic Electrical Engineering Laboratory	2018-2019

17	UDITCPA	Programming for Problem Solving Laboratory	2018-2019
18	UDMCCPA	Engineering Graphics	2018-2019
19	UDMCC01	Engineering Mechanics	2018-2019
20	UD1LECD	Interpersonal Communication	2018-2019
21	UD1LECE	Professional Communication	2018-2019
22	UDVCC05	Indian Constitution	2018-2019
23	UDVCC10	Essence of Indian Traditional Knowledge	2018-2019
ACADEMIC YEAR - (2019 - 2020)			
1	UD1LEC1	Technical English I	2019-2020
2	UDPHN01	Engineering Physics I	2019-2020
3	UDMTC01	Engineering Mathematics I	2019-2020
4	UDCHND1	Engineering Chemistry	2019-2020
5	UD1LECA	Communication Skills Laboratory I	2019-2020
6	UDPHCPA	Engineering Physics Laboratory	2019-2020
7	UDCHC01	Engineering Chemistry Laboratory	2019-2020
8	UDWSCP A	Workshop Practices	2019-2020
9	UD1PHN2	Engineering Physics II	2019-2020
10	UDMTC02	Engineering Mathematics II	2019-2020
11	UDEEC01	Basic Electrical Engineering	2019-2020
12	UD1ITC1	Python for Problem Solving	2019-2020
13	UDBTC01	Environmental Science	2019-2020
14	UDCC103	Gender sensitivity	2019-2020
15	UD1LECB	Communication Skills Laboratory II	2019-2020
16	UDEECPA	Basic Electrical Engineering Laboratory	2019-2020
17	UD1ITCA	Python Programming Laboratory	2019-2020
18	UDMCCPA	Engineering Graphics and Design	2019-2020
19	UDMT301	Engineering Mathematics – III	2019-2020
20	UDMCC02	Strength of Materials	2019-2020
21	UDMCC01	Engineering Mechanics	2019-2020
22	UD1LECD	Interpersonal Communication	2019-2020


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