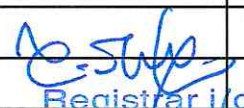




AMET
(ACADEMY OF MARITIME EDUCATION AND TRAINING)
 (A de novo Category DEEMED TO BE UNIVERSITY Under Section 3 of UGC Act 1956)

LIST OF REVISED COURSES - B.E ELECTRICAL AND ELECTRONICS ENGINEERING-MARINE			
S.NO	COURSE CODE	COURSE NAME	YEAR OF OFFERING THE COURSE
ACADEMIC YEAR - (2015 - 2016)			
1	UALE12	Technical English-I	2015-16
2	UAMT13	Engineering Mathematics-I	2015-16
3	UAPH12	Engineering Physics-I	2015-16
4	UACHC1	Engineering Chemistry	2015-16
5	UAIT13	Fundamentals of Computer	2015-16
6	UAMC1B	Engineering Graphics	2015-16
7	UAPH1B	Physics Laboratory	2015-16
8	UACHCA	Chemistry Laboratory	2015-16
9	UAIT1B	Fundamentals Of Computer Practical	2015-16
10	UALE1A	Soft skills	2015-16
11	UAWS1B	Workshop Practices Laboratory	2015-16
12	UAPT1B	Physical Education	2015-16
13	UALE202	Technical English-II	2015-16
14	UAMT203	Engineering Mathematics-II	2015-16
15	UAPH202	Engineering Physics-II	2015-16
16	UAEE201	Electrical circuit Analysis	2015-16
17	UAIT202	Data Structure & Algorithm	2015-16
18	UAEE202	Electronic Devices and Circuits	2015-16
19	UAEE2PA	Electric and Electronic Circuits laboratory	2015-16
20	UAIT2PB	Data Structure and Algorithm Lab	2015-16
21	UALE2PA	Soft skills	2015-16
22	UAMTC03	Engineering mathematics III	2015-16
23	UAEE305	DC and AC machines	2015-16
24	UAIT301	Object Oriented Programming	2015-16
25	UAEVC01	Environmental Science	2015-16
26	UAMCC04	Fluid Mechanics	2015-16
27	UAEE306	Digital Logic Circuits	2015-16
28	UAEE3PB	DC and AC Machines Laboratory	2015-16
29	UAMCCPC	Fluid Mechanics Laboratory	2015-16


 Registrar i/c

30	UAIT3PA	Object oriented Programming Laboratory	2015-16
31	UALECPD	Soft Skills – III	2015-16
32	UAMT403	Numerical Methods and Transforms	2015-16
33	UAEE405	Transducers	2015-16
34	UAEE404	Linear Integrated Circuits	2015-16
35	UAEE406	Control Systems	2015-16
36	UAEE403	Electromagnetic Theory	2015-16
37	UAMCC05	Pneumatics, Hydraulics and Electrical Control Systems	2015-16
38	UAEE4PC	Integrated Circuits Laboratory	2015-16
39	UAMCCPB	Pneumatics, Hydraulics and Electrical Control Systems Laboratory	2015-16
40	UAEE4PB	Transducers Laboratory	2015-16
41	UALECPE	Soft skills – IV	2015-16
42	UAEE505	Power Electronics	2015-16
43	UAEE507	Marine Electrical Technology	2015-16
44	UAEE503	Microprocessor and Microcontroller	2015-16
45	UAMEC01	Marine Engineering –I	2015-16
46	UAEE5PD	Microprocessor & Micro controller Laboratory	2015-16
47	UAEE5PE	Power Electronics Laboratory	2015-16
48	UAEE5PC	Marine Electrical Technology Laboratory	2015-16
49	UALECPF	Personality Development Programme	2015-16
50	UAEE511	Communication Engineering	2015-16
51	UAEE513	Maintenance of Marine Electrical Equipment	2015-16
52	UAEE514	Distributed Computer Control System	2015-16
53	UAEE515	Electrical Estimation and Wiring	2015-16
54	UAEE604	Process control and Marine Automation	2015-16
55	UAEE602	Digital Signal Processing	2015-16
56	UAEE601	Design of Electrical Machines	2015-16
57	UAMEC02	Marine Engineering –II	2015-16
58	UAEE6PA	Process control and Marine Automation Laboratory	2015-16
59	UAEE6PB	Digital Signal Processing Laboratory	2015-16
60	*UAEE6PC	Safety and Instrumentation System	2015-16
61	UAIVCPZ	Industrial Visit	2015-16
62	UAEE608	Transmission and Distribution	2015-16
63	UAEE611	Electrical Power Plant Engineering	2015-16
64	UAEE609	Electrical Hybrid Vehicles	2015-16
65	UAEE610	Electrical Energy Generation, Utilization and Conservation	2015-16
66	UAEE706	Solid State Drives	2015-16

67	UAEE702	High Voltage on Merchant Ships	2015-16
68	UAEEC02	Marine Control Engineering and Automation	2015-16
69	UAEE704	Marine Electrical Protection and Switchgears	2015-16
70	UAEE705	Marine Electrical System Design and Layout	2015-16
71	UAEE7PA	High Voltage and Switch Gears Laboratory	2015-16
72	UAEE7PB	Marine Automation Laboratory	2015-16
73	UAISCPX	Internship	2015-16
74	UAMPCPY	Minor Project	2015-16
75	UAEE712	Special Electrical Machines	2015-16
76	UAEE711	Embedded System Design	2015-16
77	UAEE801	Mobile Communication	2015-16
78	UAEE802	Flexible AC Transmission Systems	2015-16
79	UABSC01	Total Quality Management	2015-16
80	UAEE8PA	Project work	2015-16
ACADEMIC YEAR - (2016 - 2017)			
1	UBLEC01	Technical English-I	2016-17
2	UBMTC01	Engineering Mathematics-I	2016-17
3	UBPHC01	Engineering Physics-I	2016-17
4	UBCHC01	Engineering Chemistry	2016-17
5	UBIT1C01	Fundamentals of Computer Programming	2016-17
6	UBMCCPA	Engineering Graphics	2016-17
7	UBPHCPA	Engineering Physics Laboratory	2016-17
8	UBCHCPA	Engineering Chemistry Programming Laboratory	2016-17
9	UBITCPA	Fundamentals Of Computer Programming Laboratory	2016-17
10	UBLECPB	Soft skills-I	2016-17
11	UBLEC02	Technical English-II	2016-17
12	UBMTC02	Engineering Mathematics-II	2016-17
13	UBPHC02	Engineering Physics-II	2016-17
14	UBEEC01	Basics of Electrical and Electronics Engineering	2016-17
15	UBBTC01	Environmental Studies	2016-17
16	UBMCC03	Engineering Mechanics	2016-17
17	UBMCC11	Thermodynamics	2016-17
18	UBEECPA	Basics of Electrical and Electronics Engineering Laboratory	2016-17
19	UBWSCPA	Engineering Practices laboratory	2016-17
20	UBLECPC	Soft skills-II	2016-17
21	UBMTC03	Engineering mathematics III	2016-17
22	UBEE303	Digital Logic Circuits	2016-17

23	UBEE302	DC and AC machines	2016-17
24	UCIT301	Object Oriented Programming	2016-17
25	UBMCC04	Fluid Mechanics	2016-17
26	UBEE309	Electric Circuits and Electronic Devices	2016-17
27	UBEE3PA	DC and AC Machines Laboratory	2016-17
28	UBMCCPC	Fluid Mechanics Laboratory	2016-17
29	UBIT3PA	Object oriented Programming Laboratory	2016-17
30	UBLECPD	Soft Skills-III	2016-17
31	UBMT403	Numerical Methods	2016-17
32	UBEE405	Transducers	2016-17
33	UBEE404	Linear Integrated Circuits	2016-17
34	UBEE401	Control Systems	2016-17
35	UBEE402	Electromagnetic Theory	2016-17
36	UBMCC05	Pneumatics, Hydraulics and Electrical Control Systems	2016-17
37	UBEE4PA	Integrated Circuits Laboratory	2016-17
38	UBMCCPB	Pneumatics, Hydraulics and Electrical Control System Laboratory	2016-17
39	UBEE4PB	Transducers Laboratory	2016-17
40	UBLECPE	Soft skills - IV	2016-17
41	UBEE505	Power Electronics	2016-17
42	UBEE508	Marine Electrical Technology	2016-17
43	UBEE503	Microprocessor and Micro controller	2016-17
44	UBMEC01	Marine Engineering -I	2016-17
45	UBEE5PA	Microprocessor & Micro controller Laboratory	2016-17
46	UBEE5PB	Power Electronics Laboratory	2016-17
47	UBEE5PC	Marine Electrical Technology Laboratory	2016-17
48	UBLECPF	Personality Development Programme	2016-17
49	UBEE511	Communication Engineering	2016-17
50	UBEE513	Maintenance of Marine Electrical Equipment	2016-17
51	UBEE514	Distributed Computer Control System	2016-17
52	UBEE515	Electrical Estimation and Wiring	2016-17
53	UBEE604	Process control and Marine Automation	2016-17
54	UBEE602	Digital Signal Processing	2016-17
55	UBEE601	Design of Electrical Machines	2016-17
56	UBMEC02	Marine Engineering -II	2016-17
57	UBEE6PA	Process control and Marine Automation Laboratory	2016-17
58	UBEE6PB	Digital Signal Processing Laboratory	2016-17
59	UBLECPG	Personality Development Programme	2016-17

60	UBIVCPZ	Industrial Visit	2016-17
61	UBEE608	Measurement and Instrumentation	2016-17
62	UBEE611	Electrical Power Plant Engineering	2016-17
63	UBEE609	Electrical Hybrid Vehicles	2016-17
64	UBEE610	Electrical Energy Generation, Utilization & Conservation	2016-17
65	UBEE706	Solid State Drives	2016-17
66	UBEE702	High Voltage on Merchant Ships	2016-17
67	UBEEC02	Marine Control Engineering and Automation	2016-17
68	UBEE704	Marine Electrical Protection and Switch Gears	2016-17
69	UBEE705	Marine Electrical System Design and Layout	2016-17
70	UBEE7PA	High Voltage and Switch Gear Laboratory	2016-17
71	UBISCPX	Internship	2016-17
72	UBMPCPY	Minor Project	2016-17
73	UBEE712	Special Electrical Machines	2016-17
74	UBEE711	Embedded System Design	2016-17
75	UBEE801	Mobile Communication	2016-17
76	UBEE802	Flexible AC Transmission Systems	2016-17
77	UBBSC01	Total Quality Management	2016-17
78	UBEE8PA	Project work	2016-17

ACADEMIC YEAR - (2017 - 2018)

1	UCLEC01	Technical English I	2017-18
2	UCPHC01	Engineering Physics I	2017-18
3	UCIT101	Fundamentals of Computer Programming	2017-18
4	UCPHCPA	Engineering Physics Laboratory	2017-18
5	UCIT1PA	Computer Programming in C Lab	2017-18
6	UCLECPB	Spoken English - I	2017-18
7	UCLEC02	Technical English-II	2017-18
8	UCPHC02	Engineering Physics-II	2017-18
9	UCEE201	Digital Logic Circuits	2017-18
10	UCLECPC	Spoken English – II	2017-18
11	UDMTC03	Engineering Mathematics-III	2017-18
12	UDME3C1	Marine Engineering I	2017-18
13	UDEE301	Electric Circuit Analysis	2017-18
14	UDEE302	Electromagnetic Theory	2017-18
15	UDEE303	Electrical Machines –I	2017-18
16	UDEE304	Electron Devices and Circuits	2017-18
17	UDVCC02	Value Added Training Program-1	2017-18

18	UDVCC03	Industrial Visit - I	2017-18
19	UDEE3PA	Electrical Machines –I Laboratory	2017-18
20	UDEE3PB	Electric Circuit Analysis Laboratory	2017-18
21	UDEE3PC	Electrical Workshop Practices	2017-18
22	UCLECPD	Spoken English-III	2017-18
23	UDEE401	Analog Integrated Circuits	2017-18
24	UDEE402	Electrical Machines -II	2017-18
25	UDEE504	Control Systems	2017-18
26	UDEE404	Transmission and Distribution	2017-18
27	UDMCC02	Thermodynamics	2017-18
28	UDVCC04	Value Added Training Program-II	2017-18
29	UDVCC05	Industrial Visit – II	2017-18
30	UDEE4PA	Integrated Circuits Laboratory	2017-18
31	UDEE4PB	Electrical Machines –II Laboratory	2017-18
32	UDLECPD	Spoken English-IV	2017-18
33	UDEE501	Microprocessors and Microcontrollers	2017-18
34	UDEE502	Marine Electrical Technology	2017-18
35	UDEE503	Communication Engineering	2017-18
36	UDVCC06	Professional Ethics and Human Values	2017-18
37	UDVCC08	Value Added Training Program-III	2017-18
38	UDVCC09	Industrial Visit – III	2017-18
39	UDEE5PA	Marine Electrical Technology Laboratory	2017-18
40	UDEE5PB	Microprocessors and Microcontrollers Laboratory	2017-18
41	UDEE5PC	Internship – 1	2017-18
42	UDEE601	Power Electronics	2017-18
43	UDEE602	Power System Analysis	2017-18
44	UDEE603	Digital Signal Processing	2017-18
45	UDMTC01	Gender sensitivity	2017-18
46	UDVCC11	Professional Development Programme - I	2017-18
47	UDVCC12	Value Added Training Program-IV	2017-18
48	UDVCC13	Industrial Visit – IV	2017-18
49	UDEE6PA	Power Electronics Laboratory	2017-18
50	UDEE6PB	Digital Signal Processing Lab	2017-18
51	UDEE6PC	Mini project	2017-18
52	UDEE701	Power System Protection and Switchgear	2017-18
53	UDEE702	Solid State Drives	2017-18
54	UDEE703	Marine Control Engineering and Automation	2017-18

55	UDVCC14	Professional Development Programme - II	2017-18
56	UDVCC15	Value Added Training Program-V	2017-18
57	UDVCC16	Industrial Visit – V	2017-18
58	UDEE7PA	Marine Control Engineering and Automation Lab	2017-18
59	UDEE7PB	Project Work - Phase 1	2017-18
60	UDEE7PC	Internship – 2	2017-18
61	UDVCC17	Industrial Visit – VI	2017-18
62	UDEE8PA	Project Work - Phase 2	2017-18
63	UDEEE01	Communication Engineering	2017-18
64	UDEEE02	Electrical Power Plant Engineering	2017-18
65	UDEEE03	Instrumented Safety Systems	2017-18
66	UDEEE04	Solar and Energy Storage System	2017-18
67	UDEEE05	Instrumentation and Control	2017-18
68	UDEEE06	Marine Electrical System Design and Layout	2017-18
69	UDEEE07	Microcontroller and DSP Based System Design	2017-18
70	UDEEE08	Design of Electrical Apparatus	2017-18
71	UDEEE09	Measurements and Instrumentation	2017-18
72	UDEEE10	Wind Energy Conversion Systems	2017-18
73	UDEEE11	Bio-Medical Instrumentation	2017-18
74	UDEEE12	Marine Engineering – I	2017-18
75	UDEEE13	Special Electrical Machines	2017-18
76	UDEEE14	Electrical Power Utilization and Illumination	2017-18
77	UDEEE15	Distributed Computer Control Systems (DCCS)	2017-18
78	UDEEE16	High Voltage Engineering	2017-18
79	UDEEE17	Neuro Fuzzy and Genetic Programming	2017-18
80	UDEEE18	Process Control and Marine Automation	2017-18
81	UDEEE19	Embedded System Design	2017-18
82	UDEEE20	Robotics and Automation	2017-18
83	UDEEE21	High Voltage DC Systems	2017-18
84	UDEEE22	Wireless Sensor Networks	2017-18
85	UDEEE23	Python Programming	2017-18
86	UDEEE24	Marine Engineering – II	2017-18
87	UDEEE25	Power Electronics for Renewable Energy Systems	2017-18
88	UDEEE26	Power System Operation and Control	2017-18
89	UDEEE27	Energy Audit and Regulations	2017-18
90	UDEEE28	VLSI System Design	2017-18
91	UDEEE29	Internet of Things for Electrical Engineers	2017-18

92	UDEEE30	Maintenance of Marine Electrical Equipment	2017-18
93	UDEEE31	Micro grids and smart grids	2017-18
94	UDEEE32	Digital Image Processing	2017-18
95	UDEEE33	Flexible AC Transmission Systems	2017-18
96	UDEEE34	Hybrid Electric Vehicles	2017-18
97	UDEEE35	Power Quality	2017-18
98	UDEEE36	Marine Electrical Propulsion and Control	2017-18
99	UDEE001	Operation and Maintenance of Electrical Systems in ships	2017-18
100	UDEE002	Introduction to Robotics	2017-18
101	UDEE003	Consumer Electronic System Service and Maintenance	2017-18
102	UDEE004	Smart Sensors	2017-18
103	UDEE005	Repairing and Maintenance of Basic Electrical Systems	2017-18
104	UDEE006	Industrial Automation	2017-18
105	UDEE007	Basics of Electrical Energy Generation & Distribution	2017-18
106	UDEE008	Solar Energy Systems	2017-18
107	UDEE009	Energy Management and SCADA	2017-18
108	UDEE010	Electronic Navigation Equipments and Maintenance	2017-18
109	UDEE011	Introduction to Electric Vehicles,	2017-18
110	UDEE012	IoT using Raspberry Pi	2017-18

ACADEMIC YEAR - (2018 - 2019)

1	UDLEC01	Technical English	2018-19
2	UDPHC01	Engineering Physics-I	2018-19
3	UDMTC01	Engineering Mathematics-I	2018-19
4	UDEEC01	Basic Electrical Engineering	2018-19
5	UDVCC01	Induction program	2018-19
6	UDLECPA	English Language Laboratory-I	2018-19
7	UDEECPA	Basic Electrical Engineering Laboratory	2018-19
8	UDMCCPA	Engineering Graphics	2018-19
9	UDWSCPA	Work Shop Practices	2018-19
10	UDCHC01	Engineering Chemistry	2018-19
11	UDPHC02	Engineering Physics-II	2018-19
12	UDMTC02	Engineering Mathematics-II	2018-19
13	UDITC02	Programming for Problem Solving	2018-19
14	UDBDC03	Environmental Science	2018-19
15	UDLECPB	English Laboratory-II	2018-19
16	UDPHCPA	Engineering Physics Laboratory	2018-19
17	UDCHCPA	Engineering Chemistry Laboratory	2018-19

18	UDITCPA	Programming for Problem Solving Laboratory	2018-19
19	UDVCC07	Indian Constitution	2018-19
20	UDVCC10	Essence of Indian Traditional knowledge	2018-19
21	UDEEE19	Embedded System Design	2018-19
22	UDEEE20	Robotics and Automation	2018-19
23	UDEEE21	High Voltage DC Systems	2018-19
24	UDEEE22	Wireless Sensor Networks	2018-19
25	UDEEE23	Python Programming	2018-19
26	UDEEE24	Marine Engineering – II	2018-19
27	UDEEE25	Power Electronics for Renewable Energy Systems	2018-19
28	UDEEE26	Power System Operation and Control	2018-19

ACADEMIC YEAR - (2019 - 2020)

1	UD1LEC1	Technical English	2019-20
2	UDPHN01	Engineering Physics-I	2019-20
3	UD1LECA	Communication skills Laboratory-I	2019-20
4	UDCHND1	Engineering Chemistry	2019-20
5	UD1PHN2	Engineering Physics-II	2019-20
6	UD1ITC01	Python for Problem Solving	2019-20
7	UD1LECB	Communication skill Laboratory-II	2019-20
8	UD1ITCA	Python Programming Laboratory	2019-20
9	UD1MTC3	Engineering Mathematics-III	2019-20
10	UDEEE01	Communication Engineering	2019-20
11	UDEEE02	Electrical Power Plant Engineering	2019-20
12	UDEEE03	Instrumented Safety Systems	2019-20
13	UDEEE04	Solar and Energy Storage System	2019-20
14	UDEEE05	Instrumentation and Control	2019-20
15	UDEEE06	Marine Electrical System Design and Layout	2019-20
16	UDEEE07	Microcontroller and DSP Based System Design	2019-20
17	UDEEE08	Design of Electrical Apparatus	2019-20
18	UDEEE09	Measurements and Instrumentation	2019-20
19	UDEEE10	Wind Energy Conversion Systems	2019-20
20	UDEEE11	Bio-Medical Instrumentation	2019-20
21	UDEEE12	Marine Engineering – I	2019-20
22	UDEEE13	Special Electrical Machines	2019-20
23	UDEEE14	Electrical Power Utilization and Illumination	2019-20
24	UDEEE15	Distributed Computer Control Systems (DCCS)	2019-20