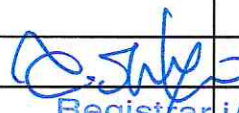




AMET
(ACADEMY OF MARITIME EDUCATION AND TRAINING)
 (A *de novo* Category DEEMED TO BE UNIVERSITY Under Section 3 of UGC Act 1956)

LIST OF REVISED COURSES - B.E MECHANICAL ENGINEERING

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	UAEVC1	Environmental Science And Engineering	2015-16
5	UAMC11	Engineering Mechanics	2015-16
6	UAEE11	Basic Electrical And Electronics Engineering	2015-16
7	UAWS1B	Engineering Practics Laboratory	2015-16
8	UAPH1B	Engineering Physics Laboratory	2015-16
9	UAEE1B	Basic Electrical And Electronics Engineering Laboratory	2015-16
10	UALE1A	Soft Skills-I/French	2015-16
11	UAPT1B	Nss / Physical Training-I	2015-16
12	UALE202	Technical English-II	2015-16
13	UAMT203	Engineering Mathematics II	2015-16
14	UAPH202	Engineering Physics II	2015-16
15	UACHC01	Engineering Chemistry	2015-16
16	UAMC201	Material Science And Metallurgy	2015-16
17	UAIT204	Fundamentals Of Computing	2015-16
18	UACHCPA	Engineering Chemistry Laboratory	2015-16
19	UAIT2PD	Fundamentals Of Computing Practical	2015-16
20	UAMC2PA	Engineering Graphics	2015-16
21	UALE2PA	Soft Skills-II/French	2015-16
22	UAPT2PC	Nss / Physical Training-II	2015-16
23	UAMTC03	Engineering Mathematics III	2015-16
24	UAMC304	Manufacturing Technology - I	2015-16
25	UAMCC11	Thermodynamics	2015-16
26	UAMCC04	Fluid Mechanics	2015-16
27	UAMC307	Kinematics Of Machines	2015-16
28	UAEE303	Electrical Drives And Controls	2015-16
29	UAMC3PB	Computer Design And Drafting Laboratory	2015-16
30	UAMCCPC	Fluid Mechanics Laboratory	2015-16
31	UAEE1PC	Electrical Engineering laboratory	2015-16


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32	UALECPD	Soft Skills-III	2015-16
33	UAMT404	Statistics And Numerical Methods	2015-16
34	UAMC403	Manufacturing Technology - II	2015-16
35	UAMCC09	Strength of Materials	2015-16
36	UAMEC01	Marine Engineering –I	2015-16
37	UAMCC10	Thermal Engineering	2015-16
38	UAMC4PB	Manufacturing Technology Laboratory	2015-16
39	UAMCCPG	Strength Of Materials Laboratory	2015-16
40	UAMC4PD	Thermal Engineering Laboratory	2015-16
41	UALECPD	Soft Skill-IV	2015-16
42	UAMCC01	Mechanics Of Machines	2015-16
43	UAMC407	Alternate Fuels	2015-16
44	UAMC502	Modern Machining Process	2015-16
45	UAMCC05	Pneumatics, Hydraulics & Electrical Control Systems	2015-16
46	UAMC501	Heat And Mass Transfer	2015-16
47	UAMEC02	Marine Engineering – II	2015-16
48	UAMC5PA	Machine Drawing	2015-16
49	UAMCCPB	Pneumatics, Hydraulics & Electrical Control Laboratory	2015-16
50	UAMC5PE	Industrial Training-I	2015-16
51	UALECPF	Personality Development Programme	2015-16
52	UBMC5PB	Modeling laboratory	2015-16
53	UAMC505	Industrial Management And Safety Engineering	2015-16
54	UAMC506	Maintenance Engineering	2015-16
55	UAMC507	Engine Pollution And Emission Control	2015-16
56	UAMCC02	Design Of Machine Elements	2015-16
57	UAMC509	Finite Element Analysis	2015-16
58	UAMC510	Welding Technology	2015-16
59	UAMC601	Design Of Transmission Systems	2015-16
60	UAMC604	Computer Aided Design And Manufacturing	2015-16
61	UAMC603	Refrigeration And Air Conditioning	2015-16
62	UANA601	Naval Architecture – I	2015-16
63	UAMC6PA	CAD / CAM Laboratory	2015-16
64	UAMC6PB	Refrigeration And Air Conditioning Laboratory	2015-16
65	UAMC6PC	Mini Project	2015-16
66	UAIVCPZ	Industry Visit	2015-16
67	UAMC605	Renewable Energy Sources	2015-16
68	UAMC606	Facilities Planning	2015-16
69	UAMC607	Modern Manufacturing Techniques	2015-16
70	UAMC608	Measurement And Instrumentation Techniques	2015-16

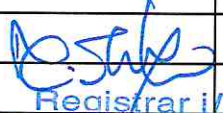
71	UAMC609	Marine Diesel Engines	2015-16
72	UAMC610	Power Plant Engineering	2015-16
73	UAMC701	Automobile Engineering	2015-16
74	UAMC702	Operations Research	2015-16
75	UANA701	Naval Architecture II	2015-16
76	UAMC703	Mechatronics	2015-16
77	UABSC01	Total Quality Management	2015-16
78	UAMC7PA	Industrial Training-II	2015-16
79	UAMC7PB	Project Phase-I	2015-16
80	UAMC704	Design Of Jigs And Fixtures	2015-16
81	UAMC705	Design Of Pressure Vessels And Piping	2015-16
82	UAMC706	Fuels And Combustion	2015-16
83	UAMC802	Advanced IC Engines	2015-16
84	UABS802	Enterprenurship Development	2015-16
85	UAMC8PA	Project Phase-II	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	UBITC01	Fundamentals of Computer Programming	2016-17
6	UBMCCPA	Engineering Graphics	2016-17
7	UBWSCPA	Engineering Practices Laboratory	2016-17
8	UBCHCPA	Engineering Chemistry Laboratory	2016-17
9	UBITCPA	Fundamental 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 & Electronic Engineering	2016-17
15	UBBTC01	Environment Studies	2016-17
16	UBMCC03	Engineering Mechanics	2016-17
17	UBMCC11	Thermodynamics	2016-17
18	UBEECPA	Basics of Electrical & Electronics Engineering Laboratory	2016-17
19	UBPHCPA	Engineering Physics Laboratory	2016-17
20	UBLECPC	Soft skills-II	2016-17
21	UBMTC03	Engineering Mathematics III	2016-17
22	UBMC303	Manufacturing Technology - I	2016-17
23	UBMC306	Material Science	2016-17

24	UBMC304	Fluid Mechanics and Machinery	2016-17
25	UBMC302	Kinematics Of Machines	2016-17
26	UBEE304	Electrical Drives and Controls	2016-17
27	UBEE3PB	Electrical Engineering Lab	2016-17
28	UBMC3PA	Computer Aided Design & Drafting Laboratory	2016-17
29	UBMCCPC	Fluid Mechanics and Machinery Laboratory	2016-17
30	UBLECPD	Soft Skills-III	2016-17
31	UBMT404	Statistics And Numerical Methods	2016-17
32	UBMC401	Manufacturing Technology – II	2016-17
33	UBMCC09	Strength of Materials	2016-17
34	UBMEC01	Marine Engineering I	2016-17
35	UBMCC10	Thermal Engineering	2016-17
36	UBMC4PA	Manufacturing Technology Laboratory	2016-17
37	UBMCCPG	Strength of Materials Laboratory	2016-17
38	UBMCCPH	Thermal Engineering Laboratory	2016-17
39	UBLECPE	Soft Skill – IV	2016-17
40	UBMCC07	Mechanics of Machines	2016-17
41	UBMC402	Alternate Fuels	2016-17
42	UBMC505	Modern Machining Process	2016-17
43	UBMCCPB	Pneumatics, Hydraulics & Electrical Control Systems	2016-17
44	UBMC501	Heat and Mass Transfer	2016-17
45	UBMEC02	Marine Engineering – II	2016-17
46	UBMC5PA	Machine Drawing	2016-17
47	UBMCCPB	Pneumatics, Hydraulics & Electrical Control Systems Laboratory	2016-17
48	UBMC5PZ	Industrial Training-I	2016-17
49	UBLECPF	Personality Development Programme - I	2016-17
50	UBMC5PB	Modeling Laboratory	2016-17
51	UBMC512	Industrial Management and Safety Engineering	2016-17
52	UBMC513	Maintenance Engineering	2016-17
53	UBMC511	Engine Pollution and Emission Control	2016-17
54	UBMCC01	Design of Machine Elements	2016-17
55	UBMC509	Finite Element Analysis	2016-17
56	UBMC510	Welding Technology	2016-17
57	UBMCC02	Design of Transmission Systems	2016-17
58	UBMC602	Computer Aided Design and Manufacturing	2016-17
59	UBMC603	Refrigeration and Air Conditioning	2016-17
60	UBNAC01	Naval Architecture - I	2016-17
61	UBMC6PA	CAD / CAM Laboratory	2016-17
62	UBMC6PB	Refrigeration and Air Conditioning Laboratory	2016-17

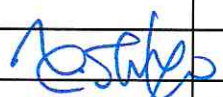
63	UBMPCPY	Minor Project	2016-17
64	UBLECPG	Personality Development Programme -II	2016-17
65	UBIVCPZ	Industrial Visit	2016-17
66	UBPE612	Renewable Energy Sources	2016-17
67	UBMC611	Facilities Planning	2016-17
68	UBMC612	Modern Manufacturing Techniques	2016-17
69	UBMC609	Measurement and Instrumentation Techniques	2016-17
70	UBMC608	Marine Diesel Engines	2016-17
71	UBMC610	Power Plant Engineering	2016-17
72	UBMC701	Automobile Engineering	2016-17
73	UBMC704	Operations Research	2016-17
74	UBNAC02	Naval Architecture - II	2016-17
75	UBMC703	Mechatronics	2016-17
76	UBMC7PZ	Industrial Training-II	2016-17
77	UBMC7PA	Project Phase-I	2016-17
78	UBBSC01	Total Quality Management	2016-17
79	UBMC706	Design Of Jigs And Fixtures	2016-17
80	UBMC707	Design Of Pressure Vessels And Piping	2016-17
81	UBMC708	Fuels And Combustion	2016-17
82	UBMC801	Advanced IC Engines	2016-17
83	UBBS802	Entrepreneurship Development	2016-17
84	UBMC8PA	Project Phase - II	2016-17

ACADEMIC YEAR - (2017 - 2018)

1	UCLEC01	Technical English-I	2017-18
2	UBMTC01	Engineering Mathematics-I	2017-18
3	UCPHC01	Engineering Physics-I	2017-18
4	UBCHC01	Engineering Chemistry	2017-18
5	UBMCCPA	Engineering Graphics	2017-18
6	UCITC01	Introduction to Programming in C And C++	2017-18
7	UBWSCPA	Engineering Practices laboratory	2017-18
8	UBCHCPA	Engineering Chemistry laboratory	2017-18
9	UCITCPA	Programming in C and C++ Laboratory	2017-18
10	UCLECPB	Spoken English-I	2017-18
11	UCLEC02	Technical English-II	2017-18
12	UBMTC02	Engineering Mathematics-II	2017-18
13	UCPHC02	Engineering Physics-II	2017-18
14	UBEEC01	Basics of Electrical & Electronic Engineering	2017-18
15	UBBTC01	Environmental studies	2017-18
16	UBMCC03	Engineering Mechanics	2017-18


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17	UBMCC11	Thermodynamics	2017-18
18	UBEECPA	Basics of Electrical & Electronics Practical	2017-18
19	UCPHCPA	Engineering Physics laboratory	2017-18
20	UCLEPCP	Spoken English – II	2017-18
21	UDMTC03	Engineering Mathematics III	2017-18
22	UDMCC01	Workshop Technology	2017-18
23	UDMC303	Engineering Materials and Metallurgy	2017-18
24	UDMC302	Fluid Mechanics And Machines	2017-18
25	UDEE305	Electrical Drives And Controls	2017-18
26	UDMC3PB	Computer Drafting and Design	2017-18
27	UDMC3PA	Fluid Mechanics and Machines Laboratory	2017-18
28	UDMC3PC	Electrical drives and control laboratory	2017-18
29	UCLECPD	Spoken English - III	2017-18
30	UDBTC02	Biology for Engineers	2017-18
31	UDMC401	Thermal Engineering	2017-18
32	UDMC402	Strength of Materials	2017-18
33	UDMC403	Manufacturing Technology	2017-18
34	UDMC404	Mechanics of Machines	2017-18
35	UDVCC06	Industrial Visit – II	2017-18
36	UDMC4PA	Thermal Laboratory	2017-18
37	UDMC4PB	Strength of Materials Laboratory	2017-18
38	UDMC4PC	Special Machines Laboratory	2017-18
39	UDLECPD	Professional Communication	2017-18
40	UDMCO01	Fundamentals of Welding	2017-18
41	UDMCO02	Fuels and Lubrication technology	2017-18
42	UDVCC04	Ethics and Values	2017-18
43	UDMC501	Design of Machine Elements	2017-18
44	UDMC502	Mechatronics	2017-18
45	UDVCC08	Value added Course 1	2017-18
46	UDVCC09	Industrial Visit - III	2017-18
47	UDMC5PA	Modeling Laboratory	2017-18
48	UDMC5PB	Mechatronics Laboratory	2017-18
49	UDMC5PC	Internship - 1	2017-18
50	UDMCO03	Engineering Instruments and Measurements	2017-18
51	UDMCO04	Pump and Pumping systems	2017-18
52	UDMCE01	Renewable Energy Source	2017-18
53	UDMCE02	Optimization in Engineering Design	2017-18
54	UDMCE03	Metrology and measurements	2017-18
55	UDMCE04	Power Plant Engineering	2017-18


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56	UDMCE05	Finite Element Analysis	2017-18
57	UDMCE06	Welding Engineering	2017-18
58	UDMC601	Refrigeration and Air Conditioning	2017-18
59	UDMC602	Computer Integrated Manufacturing	2017-18
60	UDVCC11	Value added Course 2	2017-18
61	UDVCC12	Finishing School Training I	2017-18
62	UDVCC13	Industrial Visit - IV	2017-18
63	UDMC6PA	Refrigeration and Air Conditioning Laboratory	2017-18
64	UDMC6PB	Computer Integrated Manufacturing Lab	2017-18
65	UDMC6PC	Mini project	2017-18
66	UDMCO05	Non Destructive testing	2017-18
67	UDMCO06	Fundamentals of Fluid Power systems	2017-18
68	UDMCE07	Energy Conservation and Management	2017-18
69	UDMCE08	Engineering Failure Analysis	2017-18
70	UDMCE09	Design of Transmission system	2017-18
71	UDMCE10	Alternate Fuels	2017-18
72	UDMCE11	Design of Jigs and Fixtures	2017-18
73	UDMCE12	Operation Research	2017-18
74	UDMC701	Heat and Mass Transfer	2017-18
75	UDMC702	Automobile Engineering	2017-18
76	UDVCC14	Finishing School Training II	2017-18
77	UDMC7P A	Project Work – Phase I	2017-18
78	UDMC7PB	Vehicle Maintenance Lab	2017-18
79	UDMC7PC	Internship - 2	2017-18
80	UDMCO07	Alternate source of Energy	2017-18
81	UDMCO08	Industrial Engineering	2017-18
82	UDMCE13	Fuels and combustion	2017-18
83	UDMCE14	Computational Fluid Dynamics	2017-18
84	UDMCE15	Industrial Safety and Management	2017-18
85	UDMCE16	Solar Thermal Power Engineering	2017-18
86	UDMCE17	Tribology	2017-18
87	UDMCE18	Process Planning and Cost Estimation	2017-18
88	UDMC8PA	Project Work - Phase II	2017-18
89	UDMCE19	Advanced IC engines	2017-18
90	UDMCE20	Product Design for Manufacturing	2017-18
91	UDMCE21	Industrial Robotics and its application	2017-18
92	UDMCE22	Design of pressure vessel and piping	2017-18
93	UDMCE23	TQM and Reliability Engineering	2017-18
94	UDMCE24	Modeling of Thermal System	2017-18

ACADEMIC YEAR - (2018 - 2019)

1	UDMCE01	Renewable Energy Source	2018-19
2	UDMCE02	Optimization in Engineering Design	2018-19
3	UDMCE03	Metrology and measurements	2018-19
4	UDMCE04	Power Plant Engineering	2018-19
5	UDMCE05	Finite Element Analysis	2018-19
6	UDMCE06	Welding Engineering	2018-19
7	UDMCE07	Energy Conservation and Management	2018-19
8	UDMCE08	Engineering Failure Analysis	2018-19
9	UDMCE09	Design of Transmission system	2018-19
10	UDMCE10	Alternate Fuels	2018-19
11	UDMCE11	Design of Jigs and Fixtures	2018-19
12	UDMCE13	Fuels and combustion	2018-19
13	UDMCE14	Computational Fluid Dynamics	2018-19
14	UDMCE15	Industrial Safety and Management	2018-19
15	UDMCE16	Solar Thermal Power Engineering	2018-19
16	UDMCE17	Tribology	2018-19
17	UDMCE18	Process Planning and Cost Estimation	2018-19
18	UDMCE19	Advanced IC engines	2018-19
19	UDMCE20	Product Design for Manufacturing	2018-19
20	UDMCE21	Industrial Robotics and its application	2018-19
21	UDMCE22	Design of pressure vessel and piping	2018-19
22	UDMCE24	Modeling of Thermal System	2018-19
23	UDMCO04	Pump and Pumping systems	2018-19
24	UDMCO08	Industrial Engineering	2018-19

ACADEMIC YEAR - (2019 - 2020)

1	UDMC501	Design of Machine Elements	2019-20
2	UDMC502	Mechatronics	2019-20
3	UDMC5PA	Modeling Laboratory	2019-20
4	UDMC5PB	Mechatronics Laboratory	2019-20
5	UDMC601	Refrigeration and Air Conditioning	2019-20
6	UDMC602	Computer Integrated Manufacturing	2019-20
7	UDMC6PA	Refrigeration and Air Conditioning Laboratory	2019-20
8	UDMC6PB	Computer Integrated Manufacturing Lab	2019-20
9	UDMC701	Heat and Mass Transfer	2019-20
10	UDMC702	Automobile Engineering	2019-20
11	UDMCE01	Renewable Energy Source	2019-20
12	UDMCE02	Optimization in Engineering Design	2019-20
13	UDMCE03	Metrology and measurements	2019-20


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14	UDMCE04	Power Plant Engineering	2019-20
15	UDMCE05	Finite Element Analysis	2019-20
16	UDMC701	Heat and Mass Transfer	2019-20
17	UDMC702	Automobile Engineering	2019-20
18	UDMCE17	Tribology	2019-20
19	UDMCO01	Fundamentals of Welding	2019-20
20	UDMCO02	Fuels and Lubrication technology	2019-20
21	UDMCO03	Engineering Instruments and Measurements	2019-20
22	UDMCO04	Pump and Pumping systems	2019-20
23	UDMCO05	Non Destructive testing	2019-20
24	UDMCO06	Fundamentals of Fluid Power systems	2019-20
25	UDMCO07	Alternate source of Energy	2019-20
26	UDMCO08	Industrial Engineering	2019-20


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