



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 -M.Sc Marine Biotechnology

S.NO	COURSE CODE	COURSE NAME	YEAR OF OFFERING THE COURSE
1	PABT11	Principles of Oceanography	2015 – 2016
2	PABT12	Marine Biodiversity	2015 – 2016
3	PABT13	Marine Microbiology	2015 – 2016
4	PABT14	Biochemistry and Molecular Biology	2015 – 2016
5	PALE1A	Soft Skills/Communication Skills	2015 – 2016
6	PALE1B	Career Orientation Skills (Luminous club)	2015 – 2016
7	PABT1A	Practical I – Marine Biodiversity & Marine Microbiology	2015 – 2016
8	PABT1B	Practical II -Oceanography & Biochemistry and Molecular Biology	2015 – 2016
9	MBTC201	Genetics and Genetic Engineering	2015 – 2016
10	MBTC202	Advanced Molecular Techniques	2015 – 2016
11	MBTC203	Marine Pharmaceutics and Cosmeceutics	2015 – 2016
12	MBTC204	Marine Bioprocess Technology	2015 – 2016
13	MBTC207	Career Orientation Skills (Luminous club)	2015 – 2016
14	MBTP207	Practical III - Genetics and Genetic Engineering, Advanced Molecular Techniques	2015 – 2016
15	MBTP208	Practical IV –Marine Pharmaceutics and Cosmeceutics; Marine Bioprocess Technology	2015 – 2016
16	PABT301	Aquaculture Technology	2015 – 2016
17	PABT302	Marine Industrial Products & Biomaterials	2015 – 2016
18	PABT303	Marine Food Technology	2015 – 2016
19	PALE3PA	Career Orientation Skills (Luminous club)	2015 – 2016
20	PABT3PA	Practical V - Aquaculture Technology and Marine Industrial Products & Biomaterials	2015 – 2016
21	PABT3PB	Practical VI – Management of Marine Environment, Marine Food Technology	2015 – 2016
22	PABT3PC	Internship Programme	2015 – 2016
23	PABT401	Entrepreneurship in Marine Biotechnology	2015 – 2016
24	PALE4PA	Career Orientation Skills (Luminous club)	2015 – 2016
25	PABT4PA	Dissertation and Viva Voce	2015 – 2016
26	MBTC205	Cell and Developmental Biology	2015 – 2016
27	PABT15	Techniques in Genetic Engineering and Industry	2015 – 2016
28	MBTC206B	Fish Biotechnology	2015 – 2016
29	PABTC05	Ornamental Fish Culture & Aquarium Maintenance	2015 – 2016
30	PABTC06	Marine Bioprospecting	2015 – 2016
31	PABTC06	Immunology and Biomedical Science	2015 – 2016
32	PABTC06	Marine Bioinformatics & Nanobiotechnology	2015 – 2016
33	PABTC06	Stem Cells and Cancer Biology	2015 – 2016
34	PABTC06	Biosafety, Bioethics and Intellectual Property Rights	2015 – 2016
35	PABTC11	Ornamental Fish Culture	2015 – 2016
36	PABTC12	Urban Farming	2015 – 2016
37	PABTC12	Commercial Products from Fish Wastes	2015 – 2016

38	PABTC12	Managements of waste water and solid wastes	2015 – 2016
ACADEMIC YEAR - (2016 - 2017)			
1	PBBT101	Principles of Oceanography	2016 – 2017
2	PBBT102	Marine Biodiversity	2016 – 2017
3	PBBT103	Marine Microbiology	2016 – 2017
4	PBBT104	Biochemistry and Molecular Biology	2016 – 2017
5	PBBT105	Marine Ecosystem	2016 – 2017
6	PBLECPA	Soft Skills/Communication Skills-Offered by Department of English	2016 – 2017
7	PBBT1PA	Career Orientation Skills	2016 – 2017
8	PBBT1PB	Practical – I Marine Biodiversity, Marine Microbiology	2016 – 2017
9	PBBT1PC	Practical – II Oceanography, Marine Ecosystems & Biochemistry and Molecular Biology	2016 – 2017
10	PBBT201	Genetics and Genetic Engineering	2016 – 2017
11	PBBT202	Advanced Molecular Techniques	2016 – 2017
12	PBBT203	Marine Pharmaceutics and Cosmeceutics	2016 – 2017
13	PBBT204	Marine Bioprocess Technology	2016 – 2017
14	PBBT2PA	Career Orientation Skills (Luminous Club)	2016 – 2017
15	PBBT2PB	Practical – III Genetics and Genetic Engineering, Advanced Molecular Techniques	2016 – 2017
16	PBBT2PC	Practical – IV Marine Pharmaceutics and Cosmeceutics; Marine Bioprocess Technology	2016 – 2017
17	PBBT301	Aquaculture Technology	2016 – 2017
18	PBBT302	Marine Industrial Products & Biomaterials	2016 – 2017
19	PBBT303	Marine Food Technology	2016 – 2017
20	PBBT304	Management of Marine Environment	2016 – 2017
21	PBBT305	Marine Bioinformatics & Nanobiotechnology	2016 – 2017
22	PBBT3PA	Career Orientation Skills (Luminous Club)	2016 – 2017
23	PBBT3PB	Practical – V Aquaculture Technology and Marine Industrial Products & Biomaterials	2016 – 2017
24	PBBT3PC	Practical – VI Marine Food Technology, Marine Bioinformatics & Nanobiotechnology	2016 – 2017
25	PBISCPX	Internship	2016 – 2017
26	PBBT401	Entrepreneurship in Marine Biotechnology	2016 – 2017
27	PBBT4PA	Career Orientation Skills (Luminous Club)	2016 – 2017
28	PBBT4PV	Dissertation and Viva Voce	2016 – 2017
29	PBBTC01	Cell and Developmental Biology	2016 – 2017
30	PBBTC02	Techniques in Genetic Engineering and Industry	2016 – 2017
31	PBBTC03	Fish Biotechnology	2016 – 2017
32	PBBTC04	Ornamental Fish Culture & Aquarium Maintenance	2016 – 2017
33	PBBTC05	Marine Bioprospecting	2016 – 2017
34	PBBTC06	Immunology and Biomedical Science	2016 – 2017
35	PBBTC07	Stem Cells and Cancer Biology	2016 – 2017
36	PBBTC08	Biosafety, Bioethics and Intellectual Property Rights	2016 – 2017
37	PBBTC09	Ornamental Fish Culture	2016 – 2017
38	PBBTC10	Urban Farming	2016 – 2017
39	PBBTC11	Commercial Products from Fish Wastes	2016 – 2017
40	PBBTC12	Managements of waste water and solid wastes	2016 – 2017


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ACADEMIC YEAR - (2017 - 2018)

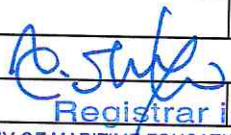
1	PBBT101	Principles of Oceanography	2017 – 2018
2	PBBT102	Marine Biodiversity	2017 – 2018
3	PBBT103	Marine Microbiology	2017 – 2018
4	PBBT104	Biochemistry and Molecular Biology	2017 – 2018
5	PBBT105	Marine Ecosystem	2017 – 2018
6	PBBT201	Genetics and Genetic Engineering	2017 – 2018
7	PBBT202	Advanced Molecular Techniques	2017 – 2018
8	PBBT203	Marine Pharmaceuticals and Cosmeceutics	2017 – 2018
9	PBBT204	Marine Bioprocess Technology	2017 – 2018
10	PBBT301	Aquaculture Technology	2017 – 2018
11	PBBT302	Marine Industrial Products & Biomaterials	2017 – 2018
12	PBBT303	Marine Food Technology	2017 – 2018
13	PBBT304	Management of Marine Environment	2017 – 2018
14	PBBT305	Marine Bioinformatics & Nanobiotechnology	2017 – 2018
15	PBBT401	Entrepreneurship in Marine Biotechnology	2017 – 2018
16	PBBTC01	Cell and Developmental Biology	2017 – 2018
17	PBBTC02	Techniques in Genetic Engineering and Industry	2017 – 2018
18	PBBTC03	Fish Biotechnology	2017 – 2018

ACADEMIC YEAR - (2018 - 2019)

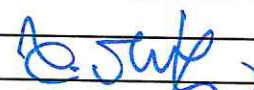
1	PBBT101	Principles of Oceanography	2018 – 2019
2	PBBT102	Marine Biodiversity	2018 – 2019
3	PBBT103	Marine Microbiology	2018 – 2019
4	PBBT104	Biochemistry and Molecular Biology	2018 – 2019
5	PBBT105	Marine Ecosystem	2018 – 2019
6	PBBT201	Genetics and Genetic Engineering	2018 – 2019
7	PBBT202	Advanced Molecular Techniques	2018 – 2019
8	PBBT203	Marine Pharmaceuticals and Cosmeceutics	2018 – 2019
9	PBBT204	Marine Bioprocess Technology	2018 – 2019
10	PBBT301	Aquaculture Technology	2018 – 2019
11	PBBT302	Marine Industrial Products & Biomaterials	2018 – 2019
12	PBBT303	Marine Food Technology	2018 – 2019
13	PBBT304	Management of Marine Environment	2018 – 2019
14	PBBT305	Marine Bioinformatics & Nanobiotechnology	2018 – 2019
15	PBBT401	Entrepreneurship in Marine Biotechnology	2018 – 2019
16	PBBTC01	Cell and Developmental Biology	2018 – 2019
17	PBBTC02	Techniques in Genetic Engineering and Industry	2018 – 2019
18	PBBTC03	Fish Biotechnology	2018 – 2019
19	PBBTC04	Ornamental Fish Culture & Aquarium Maintenance	2018 – 2019
20	PBBTC05	Marine Bioprospecting	2018 – 2019
21	PBBTC06	Immunology and Biomedical Science	2018 – 2019
22	PBBTC07	Stem Cells and Cancer Biology	2018 – 2019
23	PBBTC08	Biosafety, Bioethics and Intellectual Property Rights	2018 – 2019

ACADEMIC YEAR - (2019 - 2020)

1	PDBT101	Oceanography and marine Bioresources	2019 – 2020
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1	PDBT101	Oceanography and marine Bioresources	2019 – 2020
2	PDBT102	Cell and Developmental Biology	2019 – 2020
3	PDBT103	Marine Microbiology	2019 – 2020
4	PDBT104	Biochemistry and Molecular Biology	2019 – 2020
5	PDBT105	Immunology and Biomedical sciences	2019 – 2020
6	PDBT1PB	Practical – I Oceanography, Marine Bioresources and Marine Microbiolog	2019 – 2020
7	PDBT1PC	Practical – II Immunology, Cell and Developmental Biology and Molecular Biology	2019 – 2020
8	PDBT1PA	Career Orientation Skills (Luminous Club)	2019 – 2020
9	PDLECPA	Soft Skills-I / Communication Skills-I	2019 – 2020
10	PDBT201	Genetics and Genetic Engineering	2019 – 2020
11	PDBT202	Molecular Techniques and Diagnostic	2019 – 2020
12	PDBT203	Marine Pharmaceuticals and Cosmeceutics	2019 – 2020
13	PDBT204	Marine Bioprocess Technology	2019 – 2020
14	PDBT2PA	Career Orientation Skill	2019 – 2020
15	PDBT2PB	Practical – III Genetic Engineering, Molecular Techniques and Diagnostics	2019 – 2020
16	PDBT2PC	Practical – IV Marine Pharmaceuticals and Cosmeceutics; Marine Bioprocess Technology	2019 – 2020
17	PDBT301	Aquaculture and Marine Food Technology	2019 – 2020
18	PDBT302	Bio safety, Bioethics and IPR	2019 – 2020
19	PDBT303	Marine environmental biotechnology	2019 – 2020
20	PDBT304	Entrepreneurship in Marine Biotechnolog	2019 – 2020
21	PDBT305	Biostatistics, Bioinformatics and Nanobiotechnology	2019 – 2020
22	PDBT3PB	Practical – V Aquaculture and Marine Food Technology	2019 – 2020
23	PDBT3PC	Practical – VI Environmental Biotechnology, Bioinformatics and Biostatistics	2019 – 2020
24	PDBT3PA	Career Orientation Skills (Luminous Club)	2019 – 2020
25	PDBT4PV	Dissertation and Viva Voce	2019 – 2020
26	PDBTCE1	Stem Cell and Cancer Biology	2019 – 2020
27	PDBTCE2	Marine Bioprospecting	2019 – 2020
28	PDBTCE3	Techniques in Genetic Engineering	2019 – 2020
29	PDBTCE4	Marine industrial Products and Biomaterials	2019 – 2020
30	PDBTCE5	Genomics and Proteomics	2019 – 2020
31	PDBTCE6	Enzyme Technology	2019 – 2020
32	PDBTCE7	Ornamental fish culture and Aquarium Maintenance	2019 – 2020
33	PDBTCE8	Fish Biotechnology	2019 – 2020
34	PDBTCE9	Coastal Aqua Culture	2019 – 2020
35	PDBTO01	Microbiology for Petroleum Industry	2019 – 2020
36	PDBTO02	Human Nutrition and Health	2019 – 2020
37	PDBTO03	Biological Solutions for fouling and corrosion	2019 – 2020
38	PDBTO04	Biomaterials for Engineering Application	2019 – 2020
39	PDBTO05	Marine Pollution and Biological Solutions	2019 – 2020
40	PDBTO06	Marine Pollution Management	2019 – 2020
41	PDBTO07	Commercial products from Food Processing Wastes	2019 – 2020
42	PDBTO08	Bioresources and renewable energy	2019 – 2020
43	PDBTO09	Ornamental Fish Culture	2019 – 2020
44	PDBTO10	Urban Farming	2019 – 2020
45	PDBTO11	Biology of Solid Waste Management	2019 – 2020


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46	PDBTO12	Bioenergetics and energy transfer	2019 – 2020
47	PDBTO13	Quality assurance methods in Biotechnology	2019 – 2020


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