



Academy of Maritime Education and Training [ARI-U-0434][U-0434]

Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 31st October 2022)	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

Faculty Name:	Dr Annie Sam
Designation:	Associate Professor
Email ID:	anniesam@ametuniv.ac.in
Mobile No.	9176666047

1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2,3,4
IIC 2.0 (2019-20)	3.5
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	0 (On Progress)

Contact:

IIC President of the Institute:	Dr. V. Leela Vinodhan
Designation:	Associate Professor
Email ID:	vleelavinodhan@ametuniv.ac.in
Mobile No.	8015418718

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	R Vasanth Kumar	Advance	2
2	Dr. Annie Sam	Advance	2
3	Dr. Anita R. Warriar	Advance	1

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
4	J. Padmapriya	Advance	0
5	Mr. Karthick. P	Advance	0
6	Dr. V. Leela Vinodhan	Advance	0
7	Mr. P. Ramanathan	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0434	Yes
HEI Participated in the Smart India Hackathon (2022)	U-0434	Yes

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
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Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
1	Oceanography and marine Bioresources	PEBT101	2021-22	Core Course	Master	Marine Biotechnology	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
2	Cell and Developmental Biology	PEBT102	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
3	Marine Microbiology	PEBT103	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
4	Biochemistry and Molecular Biology	PEBT104	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
5	Immunology and Biomedical sciences	PEBT105	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
6	Genetics and Genetic Engineering	PEBT201	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
7	Molecular Techniques and Diagnostic	PEBT202	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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8	Marine Pharmaceuticals and Cosmeceutics	PEBT203	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
9	Marine Bioprocess Technology	PEBT204	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
10	Aquaculture and Marine Food Technology	PDBT301	2021-22	Core Course	Master	Marine Biotechnology	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
11	Bio safety Bioethics and IPR	PDBT302	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
12	Marine environmental biotechnology	PDBT303	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
13	Entrepreneurship in Marine Biotechnology	PDBT304	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
14	Biostatistics Bioinformatics and Nanobiotechnology	PDBT304	2021-22	Core Course	Master	Marine Biotechnology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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15	Introduction to Shipping Business	UEBS102	2021-22	Core Course	Bachelor	BBA-Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
16	Marketing Management	UEBS104	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
17	Business Economics	UEBS105	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
18	Information Technology for Business	UEBS106	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
19	Business Accounting	UEBS201	2021-22	Core Course	Bachelor	BBA - Shipping	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
20	International Trade	UEBS202	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
21	Economics of Sea Transport	UEBS203	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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22	Human Resource Management	UEBS204	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
23	Foreign Exchange Markets	UEBS205	2021-22	Core Course	Bachelor	BBA - Shipping	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
24	Financial Management	UDBS301	2021-22	Core Course	Bachelor	BBA - Shipping	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
25	Logistics Management	UDBS302	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
26	Ports and Terminals Management	UDBS303	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
27	Multimodal Transportation	UDBS304	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
28	Retail Management	UDBS307	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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29	Liner Trade	UDBS401	2021-22	Core Course	Bachelor	BBA - Shipping	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
30	Marine Insurance	UDBS402	2021-22	Core Course	Bachelor	BBA - Shipping	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
31	Supply Chain Management	UDBS403	2021-22	Core Course	Bachelor	BBA - Shipping	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
32	Sales and Distribution Management	UDBS405	2021-22	Core Course	Bachelor	BBA - Shipping	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
33	Business Law	UDBS407	2021-22	Core Course	Bachelor	BBA - Shipping	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
34	Warehouse and Inventory Management	UDBS501	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
35	Chartering Principles	UDBS502	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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36	Export and Import Trade	UDBS503	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
37	Legal Aspects of Shipping	UDBS504	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
38	Research Methods	UDBS505	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
39	Port Agency Operations	UDBS507	2021-22	Core Course	Bachelor	BBA - Shipping	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
40	Entrepreneurship Management	UDBS601	2021-22	Core Course	Bachelor	BBA - Shipping	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
41	Enterprise Resource Planning	UDBS603	2021-22	Elective Course	Bachelor	BBA - Shipping	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
42	Financial Accounting - I	UDBC102	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline

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43	Business Economics	UDBC103	2021-22	Core Course	Bachelor	Maritime Commerce	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
44	Introduction to Information Technology	UDBC104	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
45	Introduction to Shipping Business	UDBC201	2021-22	Core Course	Bachelor	Maritime Commerce	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
46	Financial Accounting II	UDBC202	2021-22	Core Course	Bachelor	Maritime Commerce	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
47	Supply Chain Management	UDBC203	2021-22	Core Course	Bachelor	Maritime Commerce	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
48	Business Statistics	UDBC205	2021-22	Core Course	Bachelor	Maritime Commerce	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
49	Cost and Management Accounting	UDBC301	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline

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50	Banking and Financial Institutions	UDBC302	2021-22	Core Course	Bachelor	Maritime Commerce	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
51	Multimodal Transportation And Logistics Planning	UDBC303	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
52	Purchase management	UDBC304	2021-22	Core Course	Bachelor	Maritime Commerce	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
53	Business Law	UDBC305	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
54	Business Accounting	UDBC401		Core Course	Bachelor	Maritime Commerce	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
55	Financial Management	UDBC402	2021-22	Core Course	Bachelor	Maritime Commerce	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
56	Stores and Inventory Management	UDBC403	2021-22	Core Course	Bachelor	Maritime Commerce	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

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57	Entrepreneurship Development	UDBCO11	2021-22	Elective Course	Bachelor	Maritime Commerce	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
58	Human Resource Management	UDBCE08	2021-22	Elective Course	Bachelor	Maritime Commerce	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
59	Port Management	UDBC503	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
60	Liner Trade Operations	UDBC504	2021-22	Core Course	Bachelor	Maritime Commerce	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
61	Engineering Mechanics	UEMCC01	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
62	Electric Circuit Analysis	UEEE301	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
63	Electromagnetic Theory	UEEE302	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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64	Electron Devices and Circuits	UEEE304	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
65	Analog Integrated Circuits	UDEE401	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
66	Electrical Machines II	UDEE402	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
67	Digital System Design	UDEE403	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
68	Transmission and Distribution	UDEE404	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
69	Thermodynamics	UDMCC02	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
70	Professional Ethics and Human Values	UDVCC06	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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71	Microprocessors and Microcontrollers	UDEE501	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
72	Marine Electrical Technology	UDEE502	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
73	Indian Constitution	UDVCC07	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	2	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
74	Control Systems	UDEE504	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
75	Power Electronics	UDEE601	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
76	Power System Analysis	UDEE602	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
77	Digital Signal Processing	UDEE603	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline

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78	Essence of Indian Traditional knowledge	UDVCC10	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
79	Power System Protection and Switchgear	UDEE701	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
80	Solid State Drives	UDEE702	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
81	Marine Control Engineering and Automation	UDEE703	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
82	Food and Nutrition	UDFP301	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
83	Food microbiology	UDFP302	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
84	Food Chemistry	UDFP303	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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85	Unit operation in food processing	UDFP401	2021-22	Core Course	Bachelor	Food Processing Technology	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
86	Principles of Food Processing and preservation Technology	UDFP402	2021-22	Core Course	Bachelor	Food Processing Technology	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
87	Engineering Properties of Food	UDFP403	2021-22	Core Course	Bachelor	Food Processing Technology	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
88	Biology for Engineers	UDBTC02	2021-22	Core Course	Bachelor	Food Processing Technology	2	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
89	Post Harvest Technology of Fruits and Vegetables	UDFP501	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
90	Introduction to Object Oriented Program	UDIT501	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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91	Refrigeration and cold chain management	UDFP502	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
92	Cereals Pulses and oilseed processing Technology	UDFP601	2021-22	Core Course	Bachelor	Food Processing Technology	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
93	Dairy Technology	UDFP602	2021-22	Core Course	Bachelor	Food Processing Technology	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
94	Food Additives	UDFP701	2021-22	Core Course	Bachelor	Food Processing Technology	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
95	UDFP702	Bakery and Confectionery Technology	2021-22	Core Course	Bachelor	Food Processing Technology	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
96	Food Packaging Technology	UDFP703	2021-22	Core Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
97	Total Quality Management in Food Industries	UDFPP15		Elective Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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98	Cold chain management	UDFPP19	2021-22	Elective Course	Bachelor	Food Processing Technology	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
99	Thermal Engineering	UEME309	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
100	Safety Emergency Measures and Practices - I	UEME307	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
101	Electrical Machines	UEME302	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
102	Integrated Circuit	UEME303	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
103	Strength of Materials	UEME305	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
104	Basic Ship Structure	UEME304	2021-22	Elective Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
105	Course Material Science and Metallurgy	UEME401	2021-22	Core Course	Bachelor	Marine Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
106	Fuel and Lubrication Technology	UEME402	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
107	Marine Boilers and Steam Engineering	UEME403	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
108	Marine Electrical Technology-I	UEME404	2021-22	Core Course	Bachelor	Marine Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
109	Micro Processor and Micro Controller	UEME405	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
110	Pumps and Pumping System	UEME406	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
111	Marine Electrical Measurements	UEME407	2021-22	Core Course	Bachelor	Marine Engineering	2	03-01-2022 00:00:00	01-05-2022 00:00:00	119	30	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
112	Ship Fire Prevention and Control	UEME501	2021-22	Core Course	Bachelor	Marine Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
113	Auxiliary Machinery -I	UEME502	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
114	Marine Electrical Technology-II	UEME503	2021-22	Core Course	Bachelor	Marine Engineering	2	05-07-2021 00:00:00	15-11-2021 00:00:00	134	30	Offline
115	Marine Engineering Equipment Drawing	UEME504	2021-22	Core Course	Bachelor	Marine Engineering	2	05-07-2021 00:00:00	15-11-2021 00:00:00	134	30	Offline
116	Marine Internal Combustion Engines I	UEME505	2021-22	Core Course	Bachelor	Marine Engineering	5	05-07-2021 00:00:00	15-11-2021 00:00:00	134	75	Offline
117	Ship Construction	UEME506	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
118	Pumps and Pumping System II	UEME507	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
119	Safety Emergency Measures and Practices II	UEME508	2021-22	Core Course	Bachelor	Marine Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
120	Marine Auxiliary Machinery II	UDME601	2021-22	Core Course	Bachelor	Marine Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
121	Marine Environmental Protection	UDME602	2021-22	Elective Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
122	Marine Internal Combustion Engines II	UDME603	2021-22	Core Course	Bachelor	Marine Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
123	Naval Architecture I	UDME607	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
124	Shipboard Leadership and Management	UEME703	2021-22	Core Course	Bachelor	Marine Engineering	2	05-07-2021 00:00:00	15-11-2021 00:00:00	134	30	Offline
125	Marine Engineering Equipment Drawing II	UEME801	2021-22	Elective Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
126	Safety Emergency Measures and Practices IV	UEME802	2021-22	Core Course	Bachelor	Marine Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
127	Mechanics of Machines	UEME803	2021-22	Core Course	Bachelor	Marine Engineering	2	03-01-2022 00:00:00	01-05-2022 00:00:00	119	30	Offline
128	Instrumentation and Control	UEME804	2021-22	Core Course	Bachelor	Marine Engineering	2	03-01-2022 00:00:00	01-05-2022 00:00:00	119	30	Offline
129	Global Shipping Business	PEBS101	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
130	Accounting and Financial Management	PEBS102	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
131	Data Analytics	PEBS103	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
132	Maritime Economics	PEBS104	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
133	People Management and Organisational Behaviour	PEBS106	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
134	Computer Applications for Business	PEBS107	2021-22	Core Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
135	Chartering and Commercial Geography	PEBS201	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
136	Liner Shipping Business	PEBS202	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
137	Port Operations and Pricing	PEBS203	2021-22	Core Course	Bachelor	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
138	Logistics and Supply Chain Management	PEBS204	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
139	Marketing Management	PEBS205	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline

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140	Research Methodology	PEBS206	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
141	Indian Ethos Ethics and Policy	PEBS207	2021-22	Core Course	Master	Shipping and Logistics Management	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
142	Maritime Law and Customs Procedures	PEBS301	2021-22	Core Course	Master	Shipping and Logistics Management	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
143	Multimodal Transportation and Port Agency	PEBS302	2021-22	Core Course	Master	Shipping and Logistics Management	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
144	Export and Import Management	PEBS303	2021-22	Core Course	Master	Shipping and Logistics Management	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
145	International Marketing	PEBS304	2021-22	Core Course	Master	Shipping and Logistics Management	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
146	Shipping Finance and Marine Insurance	PDBS305	2021-22	Core Course	Master	Shipping and Logistics Management	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline

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147	Project Appraisal and Finance	PDBS306B	2021-22	Elective Course	Master	Shipping and Logistics Management	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
148	Sales and Retail Management	PDBS401	2021-22	Core Course	Master	Shipping and Logistics Management	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
149	Entrepreneurship Development	PDBS402A	2021-22	Elective Course	Master	Shipping and Logistics Management	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
150	Fluid Mechanics and Machines	UDMC301	2021-22	Core Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
151	Engineering Materials and Metallurgy	UDMC302	2021-22	Core Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
152	Electrical Drives and Control	UDEE304	2021-22	Core Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
153	Thermal Engineering	UDMC401	2021-22	Core Course	Bachelor	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline

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154	Strength of Materials	UDMC40	2021-22	Core Course	Bachelor	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
155	Manufacturing Technology	UDMC403	2021-22	Core Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
156	Mechanics of Machines	UDMC404	2021-22	Core Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
157	Ethics and Values	UDVCC04	2021-22	Core Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
158	Design of Machine Elements	UDMC50	2021-22	Core Course	Bachelor	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
159	Mechatronics	UDMC502	2021-22	Core Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
160	Refrigeration and Air Conditioning	UDMC601	2021-22	Core Course	Bachelor	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline

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161	Computer Integrated Manufacturing	UDMC602	2021-22	Core Course	Bachelor	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
162	Heat and Mass Transfer	UDMC70	2021-22	Core Course	Bachelor	Mechanical Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
163	Automobile Engineering	UDMC702	2021-22	Core Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
164	Renewable Energy Source	UDMCE01	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
165	Power Plant Engineering	UDMCE04	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
166	Design of Transmission system	UDMCE09	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
167	Operation Research	UDMCE12	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

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168	Industrial Safety and Management	UDMCE15	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
169	Process Planning and Cost Estimation	UDMCE18	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
170	Industrial Robotics and its application	UDMCE21	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
171	TQM and Reliability Engineering	UDMCE23	2021-22	Core Course	Bachelor	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
172	Advanced Thermodynamics	PDMC101	2021-22	Core Course	Master	Mechanical Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
173	Advanced Fluid Mechanics	PDMC102	2021-22	Core Course	Master	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
174	Design and analysis of turbo machines	PDMCE07	2021-22	Elective Course	Master	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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175	Computational Fluid Dynamics	PDMCE13	2021-22	Elective Course	Master	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
176	Research Methodology and IPR	PDMC103	2021-22	Core Course	Master	Mechanical Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
177	Boundary layer theory and turbulence	PDMC201	2021-22	Core Course	Master	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
178	Refrigeration machinery and Components	PDMC202	2021-22	Core Course	Master	Mechanical Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
179	Design of Thermal Systems	PDMCE12	2021-22	Elective Course	Master	Mechanical Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
180	Mining Geology	UDMN404	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
181	Mine Surveying	UDMN403	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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182	Introduction to Mining Engineering	UDMN301	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
183	Fluid Mechanics	UDMN302	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
184	Basic Electronics Engineering	UD1EE35	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
185	Rock Mechanics I	UD1MN401	2021-22	Core Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
186	Material Science	UD1MCC03	2021-22	Core Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
187	Drilling and Blasting	UDMN402	2021-22	Core Course	Bachelor	Mining Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
188	Underground Metal Mining	UDMN701	2021-22	Core Course	Bachelor	Mining Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline

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189	Underground Coal Mining	UDMN502	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
190	Surface Mining	UDMN401	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
191	Mining Machinery I	UDMN504	2021-22	Core Course	Bachelor	Mining Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
192	Mine Environmental and Ventilation Engineering	UD1MN601	2021-22	Core Course	Bachelor	Mining Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
193	Mine Planning and Design	UDMN702	2021-22	Core Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
194	Mine Legislation and Safety	UDMN703	2021-22	Core Course	Bachelor	Mining Engineering	4	05-07-2021 00:00:00	15-11-2021 00:00:00	134	60	Offline
195	Mine Hazard and Rescue	UD1MN701	2021-22	Core Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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196	Mineral Resources of India	UDMN407	2021-22	Elective Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Blende Mo
197	Advanced Mining Geology	UDMN507	2021-22	Elective Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
198	Advanced Surface Mining	UDMN606	2021-22	Elective Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
199	Underground Coal Gasification	UDMN805	2021-22	Elective Course	Bachelor	Mining Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
200	Mine Safety Engineering	UDMN801	2021-22	Core Course	Bachelor	Mining Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
201	Introduction to Naval Architecture	UDNA301	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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202	Marine Materials and Welding Technology	UDNA302	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
203	Marine Hydrodynamics	UDNA303	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
204	Strength of Materials	UDMCC02	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
205	Thermodynamics and Marine Machinery	UDNA401	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
206	Marine Production Technology	UDNA402	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

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207	Elements of Offshore Engineering	UDNA403	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
208	Theory of Ships	UDNA404	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
209	Ethics and Values	UDVCC04	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
210	Biology for Engineers	UDBTC02	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
211	Strength of Ships	UDNA501	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

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212	Ship Resistance and Propulsion	UDNA502	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
213	Object Oriented Programming	UDITC03	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
214	Design of Offshore Structures	UDNA601	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
215	Ship Motion and Control	UDNA602	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline
216	Ship Design	UDNA603	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	4	03-01-2022 00:00:00	01-05-2022 00:00:00	119	60	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
217	Fishing Vessel Technology	UDNAP06	2021-22	Elective Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
218	Fluid Structure Interaction	UDNAP09	2021-22	Elective Course	Bachelor	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
219	Advanced Ship Technology	UDNA701	2021-22	Core Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
220	Marine Corrosion and Control	UDNAP17	2021-22	Elective Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
221	Computer Aided Structural Design	UDNAP12	2021-22	Elective Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
222	Guidance and Control of Marine Vehicles	UDNAP20	2021-22	Elective Course	Bachelor	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
223	Elements of Marine Structures	PDNA101	2021-22	Core Course	Master	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
224	Applied Hydrodynamics	PDNA102	2021-22	Core Course	Master	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
225	Research Methodology and IPR	PDNA103	2021-22	Core Course	Master	Naval Architecture and Offshore Engineering	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
226	Marine Design	PDNA201	2021-22	Core Course	Master	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
227	Strength of Ocean Structures	PDNA202	2021-22	Core Course	Master	Naval Architecture and Offshore Engineering	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
228	Ship Construction 1	UENS102	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
229	Ship Operation Technology I	UENS103	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
230	Cargo Handling and Stowage I	UDNS104	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
231	Bridge Equipment and Bridge Resource Management I	UDNS201		Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
232	Ship Construction II	UDNS202	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
233	Bridge Equipment and Bridge Resource Management II	UDNS302	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
234	Ship Stability I	UDNS303	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
235	Ship Operation Technology II	UDNS304	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
236	Cargo Handling and Stowage II	UDNS305	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
237	International Conventions I	UDNS306	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
238	Marine Engineer Automation Control System I	UDME302	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
239	Bridge Equipment and Bridge Resource Management III	UDNS402	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
240	Ship Stability II	UDNS403	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
241	Ship Operation Technology III	UDNS404	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
242	Cargo Handling And Stowage III	UDNS405	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
243	Meteorology I	UDNS406	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
244	Marine Law and Insurance	UDNS407	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
245	Bridge Equipment and Bridge Resource Management IV	UDNS501	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
246	Ship Stability III	UDNS502	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
247	Ship Operation Technology IV	UDNS503	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
248	Cargo Handling and Stowage IV	UDNS504	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
249	Meteorology II	UDNS505	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
250	Meteorology II	UDNS505	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
251	Navigation IV	UDNS506	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode Delive
252	International Convention II	UDNS507	2021-22	Core Course	Bachelor	Nautical Science	3	05-07-2021 00:00:00	15-11-2021 00:00:00	134	45	Offline
253	Satellite Communication	UDNS510	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
254	Maritime Commerce	UDNS601	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
255	Bridge Equipment and Bridge Resource Management V	UDNS602	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
256	Ship Operation Technology V	UDNS603	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
257	Cargo Handling And Stowage V	UDNS604	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
258	Maritime Management	UDNS605	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
259	Ship Stability IV	UDNS606	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
260	Marine Environmental Protection and Environmental Studies	UDBTCO2	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline
261	Marine Engineer Automatic Control Systems II	UDME601	2021-22	Core Course	Bachelor	Nautical Science	3	03-01-2022 00:00:00	01-05-2022 00:00:00	119	45	Offline

2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Type of Program
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Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Budget/ Unit Price
1	Plagiarism and Cloned Journals a Threat to Research and its Implication	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AMET Business School	23-10-2021 00:00:00	27-10-2021 00:00:00	5	30	Online	30000
2	Business of Logistics in Supply Chain	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AMET Business School	27-12-2021 00:00:00	03-01-2022 00:00:00	8	45	Online	35000
3	Skill Development Programme	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	20-12-2021 00:00:00	27-12-2021 00:00:00	8	40	Online	40000
4	PLC SCADA and VFD for AUTOMATION	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	24-11-2021 00:00:00	27-11-2021 00:00:00	4	30	Online	24000
5	Integration of Renewable Energy with Smart Grid for Electric Vehicle	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	06-12-2021 00:00:00	11-12-2021 00:00:00	6	40	Online	10000

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Budget/ Unit Price
6	Safety Emergency Measures and Practices	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Marine Engineering	06-12-2021 00:00:00	11-12-2021 00:00:00	6	30	Online	50
7	Mathematics and its Application in Science and Technology	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Mathematics	23-12-2021 00:00:00	29-12-2021 00:00:00	7	35	Online	71
8	Fabrication Characterization and Strengthening Mechanism of Composites	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	13-12-2021 00:00:00	18-12-2021 00:00:00	6	30	Online	12
9	Role of Engineering in Mineral Exploration and Mining	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Mining Engineering	03-01-2022 00:00:00	08-01-2022 00:00:00	6	30	Online	40

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Budget/ Unit Price
10	Advanced Strength of Material and Manufacturing Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Naval Architecture and Offshore Engineering	06-12-2021 00:00:00	11-12-2021 00:00:00	6	40	Online	10
11	Introduction to Petroleum Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Petroleum Engineering	13-12-2021 00:00:00	18-12-2021 00:00:00	6	30	Online	52
12	Next Generation Materials and Devices	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Physics	13-12-2021 00:00:00	18-12-2021 00:00:00	6	30	Online	23

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IEDC	IEDC	Dr. V. Leela Vinodhan	8015418718	vleelavinodhan@ametuniv.ac.in	null
2	Innovation Cell	Innovation Cell	Dr. V. Leela Vinodhan	8015418718	vleelavinodhan@ametuniv.ac.in	null

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email
1	AMET - INNOVATION AND INCUBATION CENTRE	Dr. Annie Sam,Mr. P. Karthick,Dr. Anita R. Warriar,Dr.V. Leela Vinothan	9176666047,9597656878,9176432161,8015418718	anniesam@ametuniv.ac.in,karthik_iic@ametuniv.ac.in,anitawarrier@ar

3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	IPR Cell	Dr.D.Rajasekar	9941007767	rajasekar@ametuniv.ac.in	Mentoring Support,Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

Section 4: Generation and Support of Ideas / Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 31st October 2022)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/ (National level) Re
No Data Found											

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 31st October 2022)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/Founder Name	Current Engagement of Team lead/Founder in Institute	DI of Fc Le
No Data Found										

Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	FIETZ Global Engineering and Technology Pvt. Ltd (FGET), Chennai	Corporate/Industry Association	1	Closed	06-07-2021	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
2	Eco Society India, Chennai	Corporate/Industry Association	5	Active	01-03-2021	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
3	Red Hat Academy	Educational Institute	2	Active	27-06-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
4	James Cook University, Australia/Singapore Campus	Educational Institute	3	Active	20-01-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
5	Chettinad Super Speciality Hospital, Chennai	Corporate/Industry Association	1	Active	01-12-2021	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
6	National Management College, Perundurai	Educational Institute	3	Active	15-07-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
7	IAMU	International Agency	2	Active	01-08-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
8	Gleneagus Global Health City, Perumbakkam, Chennai	Corporate/Industry Association	1	Active	22-08-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt
9	Karpagam Academy of Higher Education, Coimbatore	Educational Institute	5	Active	16-08-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
10	INTI International University	Educational Institute	1	Active	09-08-2022	View (/Uploads/Institute/ARI-U-0434/2021-22/CollaboratExt

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Design and Development of an Integrated PV Grid Connected DC Fast Electric Vehicle Charging System	Design	202241000339	04-01-2022	No
2	Underwater Ship Security System	Design	202241001373	11-01-2022	No
3	Controller for Neutral Point Clamped Multilevel Inverter in Autonomous ships	Design	202241000336	04-01-2022	No
4	Synthesis of Nano Phase Change Material for Solar Desalination	Design	202241017778	28-03-2022	No
5	Energy Monitoring and Controlling of Hybrid Energy System	Design	202241001375	11-01-2022	No

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
6	Air conditioning system using vehicle vibration	Design	202141029061	29-06-2021	No
7	Composition for water based drilling mud	Design	202141029037	29-06-2021	No
8	Reusable chalcogenide semiconductor nanostructures for industrial wastewater purification	Design	202141040187A	04-09-2021	No
9	A Novel infrared thermography method for quantification, characterization and analysis for rebar corrosion of marine structures	Design	381132	05-11-2021	No
10	Windmill air conditioning system	Design	202141029061	29-06-2021	No
11	Corrosion Inhibition of Hull Plates immersed in Sea water	Design	202241020808	07-04-2022	No
12	Synthesis of Sandalwood Oil Natural Extract as Corrosion Inhibitor for Hull Plates Immersed in Sea Water	Design	202241040474	14-07-2022	No
13	Albizia Amara as an Eco-Friendly Additive for Drilling Fluid and Enhanced Oil Recovery	Design	202241046795	17-08-2022	No
14	Two- dimensional Metal chalcogenide-plasmonic nanohybrids for super capacitor electrode applications	Design	202141040184	04-09-2021	No
15	Method of Producing Biodiesel from Waste Cooking Oil Using Mgo-Sno2 Nanohybrids	Design	202141060794	26-09-2021	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Design and Development of an Integrated PV Grid Connected DC Fast Electric Vehicle Charging System	202241000339	04-01-2022
2	Underwater Ship Security System	202241001373	11-01-2022
3	Controller for Neutral Point Clamped Multilevel Inverter in Autonomous ships	202241000336	04-01-2022
4	Synthesis of Nano Phase Change Material for Solar Desalination	202241017778	28-03-2022
5	Energy Monitoring and Controlling of Hybrid Energy System	202241001375	11-01-2022
6	Corrosion Inhibition of Hull Plates immersed in Sea water	202241020808	07-04-2022
7	Synthesis of Sandalwood Oil Natural Extract as Corrosion Inhibitor for Hull Plates Immersed in Sea Water	202241040474	14-07-2022
8	Albizia Amara as an Eco-Friendly Additive for Drilling Fluid and Enhanced Oil Recovery	202241046795	17-08-2022
9	Two- dimensional Metal chalcogenide-plasmonic nano hybrids for super capacitor electrode applications	202141040184	04-09-2021
10	Method of Producing Biodiesel from Waste Cooking Oil Using Mgo-Sno2 Nano hybrids	202141060794	26-09-2021
11	Air conditioning system using vehicle vibration	202141029061	29-06-2021
12	Composition for water based drilling mud	202141029037	29-06-2021
13	Reusable chalcogenide semiconductor nanostructures for industrial wastewater purification	202141040187A	04-09-2021
14	A Novel infrared thermography method for quantification, characterization and analysis for rebar corrosion of marine structures	381132	05-11-2021
15	Windmill air conditioning system	202141029061	29-06-2021

7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
1	2021102319	Electric Hybrid Power Source for Vehicles using weightless Internal Combustion	14-07-2021	Granted	2021	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-U-0434/2021-22,
2	201841026429	WATER BASED DRILLING FLUID ADDITIVE AND A PREPARATION METHOD	16-07-2018	Granted	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-U-0434/2021-22,

7.4) IP Commercialized and Transferred to Industry/Startup

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date of Transferred Technology
No Data Found						

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

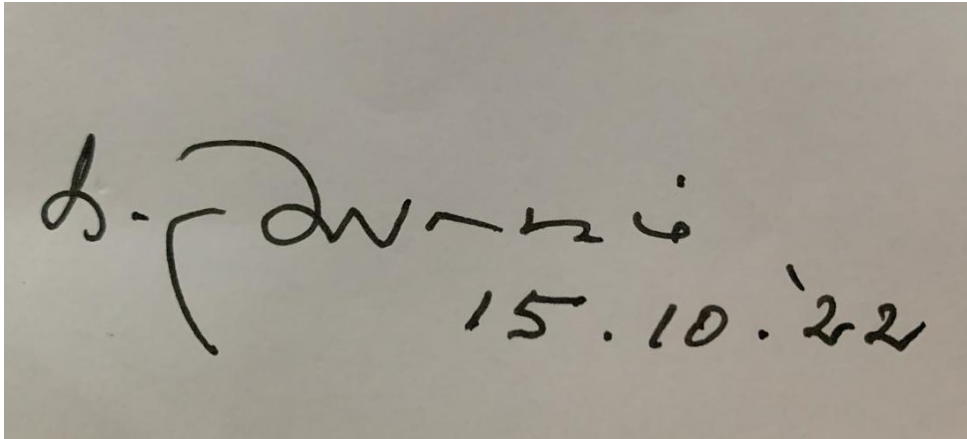
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. G.Thiruvasagam** (Head of Institute) and **Dr. T. SASILATHA** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

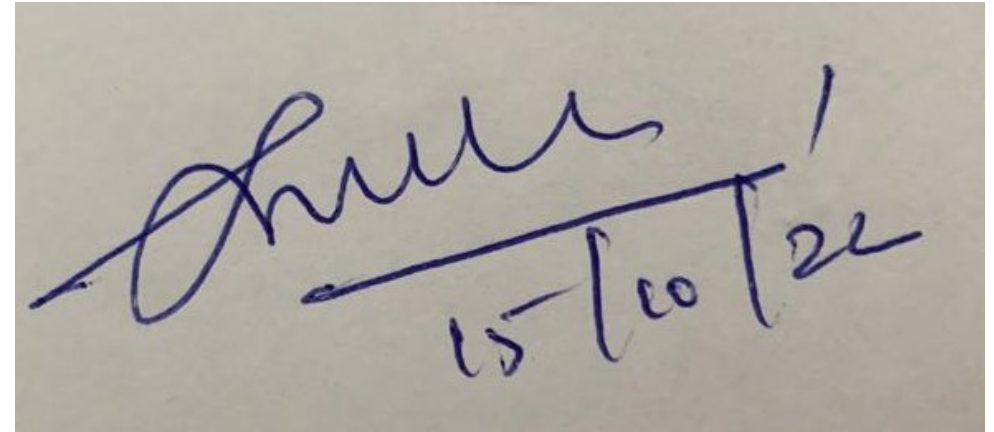
The Head of Institute



Handwritten signature of Dr. G. Thiruvassagam and the date 15.10.22.

Dr. G.Thiruvassagam,
Head of the Institution,
Academy of Maritime Education and Training,
Kancheepuram, Tamil Nadu

Nodal officer



Handwritten signature of Dr. T. Sasilatha and the date 15/10/22.

Dr. T. SASILATHA,
Nodal Officer,
Academy of Maritime Education and Training,
Kancheepuram, Tamil Nadu