

ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET)

DEEMED TO BE UNIVERSITY

EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : INTRODUCTION TO 8051 MICROCONTROLLER
NAME OF THE FACULTY : ASST.PROFESSOR Mr. M. DHEEPAK
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : INTRODUCTION TO 8051 MICROCONTROLLER
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
AMET ADDRESS : ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET)
135, EAST COAST ROAD,
KANATHUR - 603112, INDIA.

LIST OF PROGRAMMES OFFERED

U.G. PROGRAMMES

- B.Sc.Nautical Science
- B.E.Marine Engineering
- B.E.Naval Architecture and Offshore Engineering
- B.E. Petroleum Engineering
- B.E. Mechanical Engineering
- B.E. Electrical & Electronics Engineering
- B.Tech. Food Processing Technology
- B.E. Mining Engineering
- B.B.A. Shipping
- B.Com Logistics & Computer Applications
- B.Voc. (BFSI - Banking Finance Services and Insurance)

PH.D. PROGRAMMES

- AMET Business School
- Electrical & Electronics Engineering
- Harbour & Ocean Engineering
- Marine Bio-Technology
- Mechanical Engineering
- Petroleum Engineering
- Physics
- Chemistry
- English
- Information Technology
- Marine Engineering
- Mathematics
- Nautical Science
- Naval Architecture and Offshore Engineering

P.G. PROGRAMMES

- M. E. Naval Architecture and Offshore Engineering
- M. E. Petroleum Engineering
- M.E. Thermal & Fluid Engineering
- M.E. Power Systems
- M.B.A. Shipping & Logistics Management
- M.Sc Marine Biotechnology

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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE	: KIRCHHOFF CURRENT LAW, KIRCHHOFF VOLTAGE LAW AND NETWORK ANALYSIS
NAME OF THE FACULTY	: ASST.PROFESSOR Mr. R.SUNDAR
DEPARTMENT	: ELECTRICAL AND ELECTRONIC ENGINEERING
THEME	: KIRCHHOFF CURRENT LAW, KIRCHHOFF VOLTAGE LAW AND NETWORK ANALYSIS
YEAR OF PRODUCTION	: 2016-2017
PRODUCED BY	: EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
AMET ADDRESS	: ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) 135, EAST COAST ROAD, KANATHUR - 603112, INDIA.

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P.G. PROGRAMMES

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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : BASICS OF ELECTRICAL ENGINEERING
NAME OF THE FACULTY : ASST.PROFESSOR Mr. S. JANARTHANAN
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : BASICS OF ELECTRICAL ENGINEERING
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE	: POWER ELECTRONICS, HIGH VOLTAGE AND ELECTRIC PROPULSION
NAME OF THE FACULTY	: ASST.PROFESSOR Mrs. R. ELAVARASI
DEPARTMENT	: ELECTRICAL AND ELECTRONIC ENGINEERING
THEME	: POWER ELECTRONICS, HIGH VOLTAGE AND ELECTRIC PROPULSION
YEAR OF PRODUCTION	: 2016-2017
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : IMO - SHIP SAFETY AND ENVIRONMENTAL SAFETY
NAME OF THE FACULTY : PROFESSOR P.S. SRIDHAR
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : IMO - SHIP SAFETY AND ENVIRONMENTAL SAFETY
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : OIL POLLUTION - CAUSES AND CONCLUSIONS
NAME OF THE FACULTY : PROFESSOR P.S. SRIDHAR
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : OIL POLLUTION - CAUSES AND CONCLUSIONS
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
AMET ADDRESS : ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : SHIP CONSTRUCTION - DOUBLE BOTTOM STRUCTURE
NAME OF THE FACULTY : ASST. PROFESSOR Mr. SARAVANANKUMAR
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : SHIP CONSTRUCTION - DOUBLE BOTTOM STRUCTURE
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
AMET ADDRESS : ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : SHIP BUILDING
NAME OF THE FACULTY : ASST. PROFESSOR Mr. RAMASWAMY
DEPARTMENT : ELECTRICAL AND ELECTRONIC ENGINEERING
THEME : SHIP BUILDING
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : CARGO OPERATIONS ON LPG/LNG CARRIERS
NAME OF THE FACULTY : CAPTAIN V. CHANDRASEKAR
DEPARTMENT : NAUTICAL SCIENCE
THEME : CARGO OPERATIONS ON LPG/LNG CARRIERS
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : INERT GAS SYSTEM
NAME OF THE FACULTY : CAPTAIN JESHWANTH RAJ
DEPARTMENT : NAUTICAL SCIENCE
THEME : INERT GAS SYSTEM
YEAR OF PRODUCTION : 2016-2017
PRODUCED BY : EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE (EMRDC)
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EDUCATIONAL MATERIALS RESOURCE DEVELOPMENT CENTRE

TITLE OF THE LECTURE : GRAIN LOADING
NAME OF THE FACULTY : CAPTAIN JESHWANTH RAJ
DEPARTMENT : NAUTICAL SCIENCE
THEME : GRAIN LOADING
YEAR OF PRODUCTION : 2016-2017
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