

DEPARTMENT OF MARINE ENGINEERING

VALUE ADDED COURSE DETAIL

ACADEMIC YEAR-2016-17

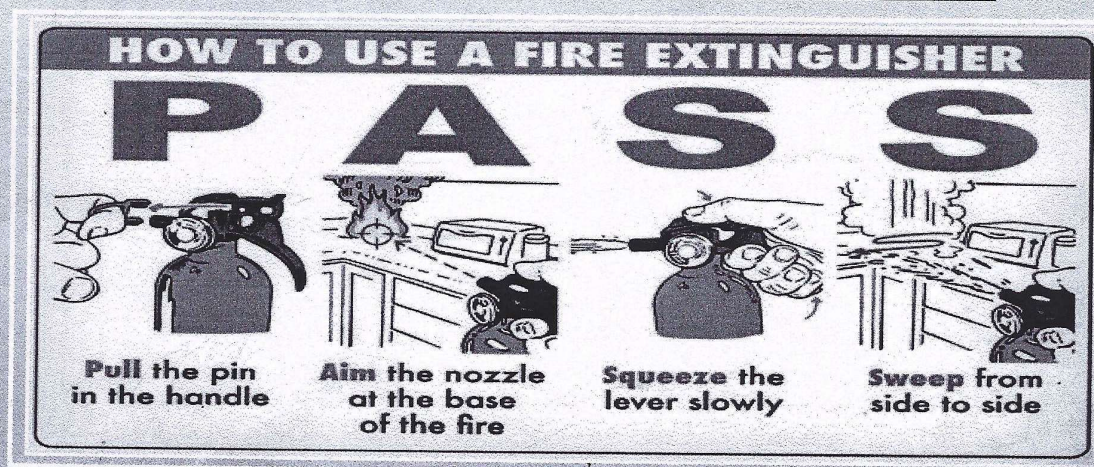
1	Course Name	Fire prevention and fire fighting (FPFF)
2	Course offered by	AMET,STCW DEPT
3	Co-Ordinator	Capt.I.V.S.Ramakrishna
4	Instructor	Mr.Anil Kumar, Mr.Malcom, Mr.Baskar, Mr.Ramanujam
5	Course	IMO DG Approved Syllabus
6	Class	BE-Marine
7	Number of Students per batch	20
8	Duration	30 Hours
9	Prerequisite	SSLC pass with 50% mark in English
10	About the Course	Understanding the nature and risk of fire and expertise to respond effectively to extinguish fires.
11	Course Objective	React in a correct manner in the event of an out breaking of fire
12	Course Outcome	Identify and take correct measures to prevent a fire from occurring
13	Topics Covered	Syllabus Attached
14	Learning References	Manual Attached
15	Assessment Method	Hand on Training
16	Attendance Sheet	Copies Attached
17	Photograph	Copies Attached
18	Certificate Copies	Copies Attached
19	Feedback About The Course	Copies Attached

Department of Pre – Sea Modular Courses

FIRE PREVENTION & FIRE FIGHTING (FPFF)



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





AMET UNIVERSITY

(Under Sec.3 of UGC Act 1956)

DEPARTMENT OF PRE-SEA MODULAR COURSES

COURSE OUTLINE – FIRE PREVENTION AND FIRE FIGHTING

Subject Area	Lecture	Hours Demonstration & Practical	Film:
Registration	0.25		
1. Introduction, Safety and Principles	0.50		
2. Theory of Fire	1.00	0.5	
2.1 Conditions for fires			
2.2 Properties of flammable materials			
2.3 Fire hazard and spread of fire			
2.4 Classification of fires and appropriate Extinguishing agents			
3. Fire Prevention	1.50		
3.1 Fire prevention principles			
3.2 Ship construction arrangements			
3.3 Safe practices			
4. Fire Detection System & Alarms	0.75		
4.1 fire and smoke detection systems			
4.2 automatic fire alarm			
5. Fixed Fire extinguishing Systems	1.75		
5.1 general			
5.2 smothering effects systems; carbon dioxide (CO ₂), foams			
5.3 inhibitor effect systems; powders			
5.4 Cooling effect systems; sprinklers, pressure spray			
5.5 Emergency fire pump (cargo ships)			
5.6 Chemical powder applicants			
6. Fire Fighting Equipment	1.00	1.50	
6.1 Fire hoses and nozzles			
6.2 Mobile apparatus			
6.3 Portable fire extinguishers			
6.4 Fireman's outfit			
6.5 Breathing apparatus			
6.6 Resuscitation apparatus			
6.7 Fire blankets			
7. Ship Fire-Fighting Organization	0.75		
7.1 General emergency alarm			
7.2 Fire control plans and muster list			
7.3 Communications			
7.4 Personnel safety procedures			
7.5 Periodic shipboard drills			
7.6 Patrol systems			



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(Under sec. 3 of UGC act 1956)

PROGRAMME EVALUATION

EFA /FPFF / PST/ PSSR/STSDSD/OTFC

Dear participant,

Your honest feedback will help us to improve the course

1. Was the programme useful? Yes / No
2. Was the course content communicated effectively? Yes / No
3. Was the practical conducted effectively? Yes / No
4. Do you think the training can help you in work? Yes / No
5. Were the faculties well – versed with the subject? Yes / No
6. Topic on which you feel more elaboration was necessary?

7. Is there anything you would like to include in this programme?
Fire fighting sub SCBA
8. Any other suggestions or comments.

Residential Address for External Candidate)

Puthuvila,
Kuzhicode Post,
Kanyakumari district
629167

Company Address

Signature of the participant (Optional)

[Handwritten Signature]

Name
Rank
Roll No
Date

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F 211A / REV 00/01.10.2012



AMET UNIVERSITY

(Under sec. 3 of UGC act 1956)

PROGRAMME EVALUATION

EFA /FPFF / PST/ PSSR/STSDSD/OTFC

Dear participant,

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1. Was the programme useful? ☒ Yes / ☐ No
2. Was the course content communicated effectively? ☒ Yes / ☐ No
3. Was the practical conducted effectively? ☒ Yes / ☐ No
4. Do you think the training can help you in work? ☒ Yes / ☐ No
5. Were the faculties well – versed with the subject? ☒ Yes / ☐ No
6. Topic on which you feel more elaboration was necessary?

7. Is there anything you would like to include in this programme?

8. Any other suggestions or comments.

Residential Address for External Candidate)

Company Address

Signature of the participant (Optional)

Name
Rank
Roll No
Date

Controlled Copy

F 211A / REV 00/01.10.2012

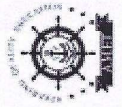


Department of Marine Engineering

Value added course Feedback analysis report (2016-17)

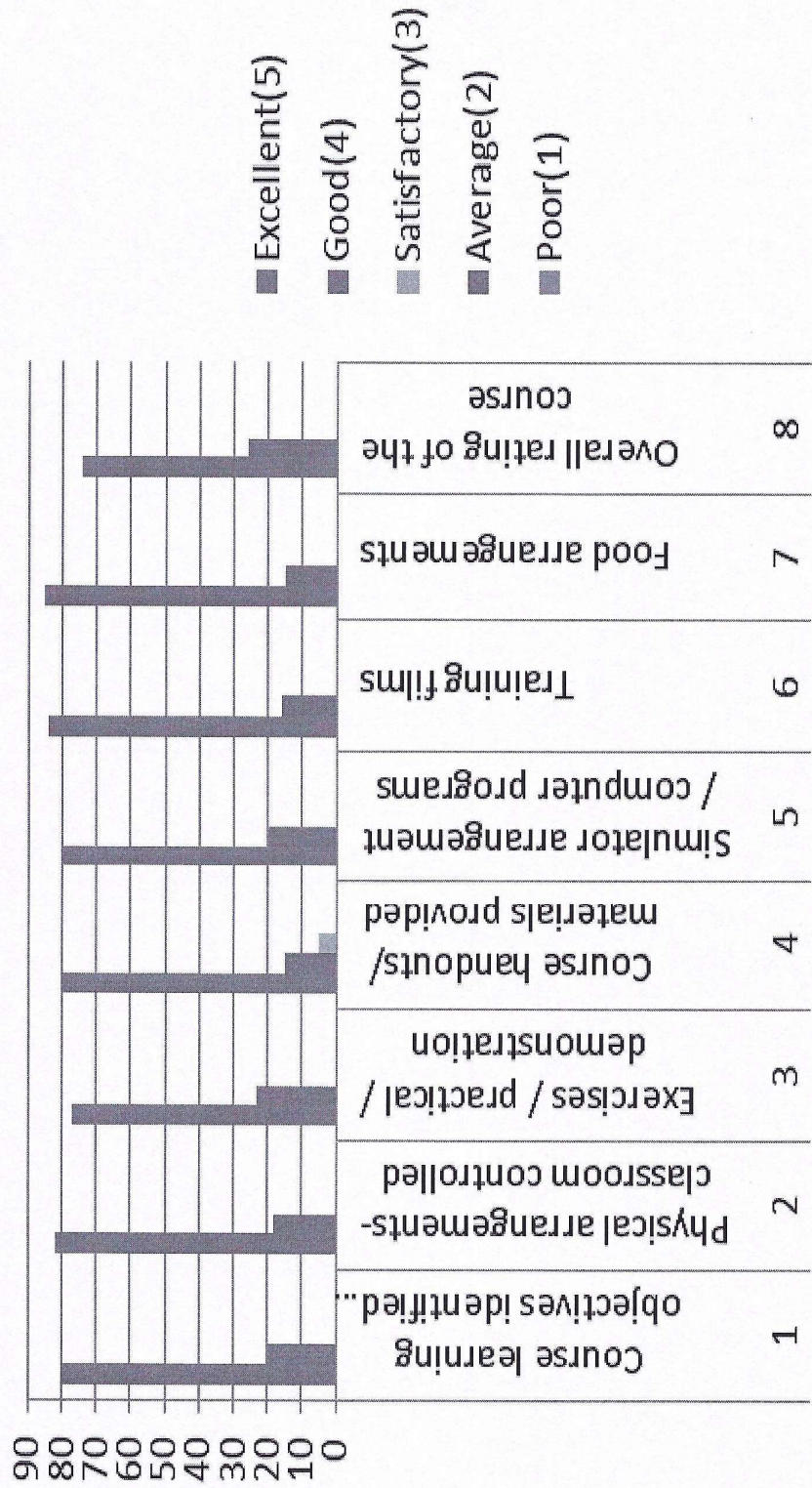
Course Name : Elementary First Aid (EFA)

S.No	Course Feedback	Excellent(5)	Good(4)	Satisfactory(3)	Average(2)	Poor(1)
1	Course learning objectives identified and achieved	80	20			
2	Physical arrangements- classroom controlled	82	18			
3	Exercises / practical / demonstration	77	23			
4	Course handouts/ materials provided	80	15	5		
5	Simulator arrangement / computer programs	80	20			
6	Training films	84	16			
7	Food arrangements	85	15			
8	Overall rating of the course	74	26			



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING



Summary:

Course learning objectives identified and achieved has been found satisfactory. Physical arrangements- classroom controlled are also good. Need to take care of Course handouts/ materials provided.

Findings:

From the feedback of Student the department observed that:

1. Course handouts/ materials provided need to improve.
2. Overall rating of the course found satisfactory.

Action Plan:

Based on the observation the department planned to improve the above suggestion in order to enhance the quality of students.

Action Taken Report:

As per the students feedback it is found that Course handouts/ materials provided is seems to be improved. In order to improve that the faculties are advised to provide more handouts to students.



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Declared as Deemed to be UNIVERSITY u/s 3 of UGC Act 1956)

135, East Coast Road, Kanathur - 603112, Chennai, INDIA,
Tel. : 044-27472155 Extn.: 163 Email : stwcourses@gmail.com

INDOS No.: 805

PST/B754/03

Certificate No.:

THIS IS TO CERTIFY THAT **Mr.BABU DHANASEKARAN**

Date of Birth **06/04/1985**(dd/mm/yyyy)

Holder of C.D.C. No. Passport No. **P8228815**

Certificate of Competency, (if any) Grade : No.

Indian National Database of Seafarers (INDoS) No. **17EL0564**

has successfully completed a training course for Certificate of Proficiency in

PERSONAL SURVIVAL TECHNIQUES

held from **08/06/2017** to **10/06/2017**

D. Babu
Signature of Candidate

Date of Issue : **10/06/2017**

Date of Expiry : UNLIMITED, subject
to refresher training every 5 Years



Capt. V. Chandra Sekhar
Name and Signature of Course In-charge

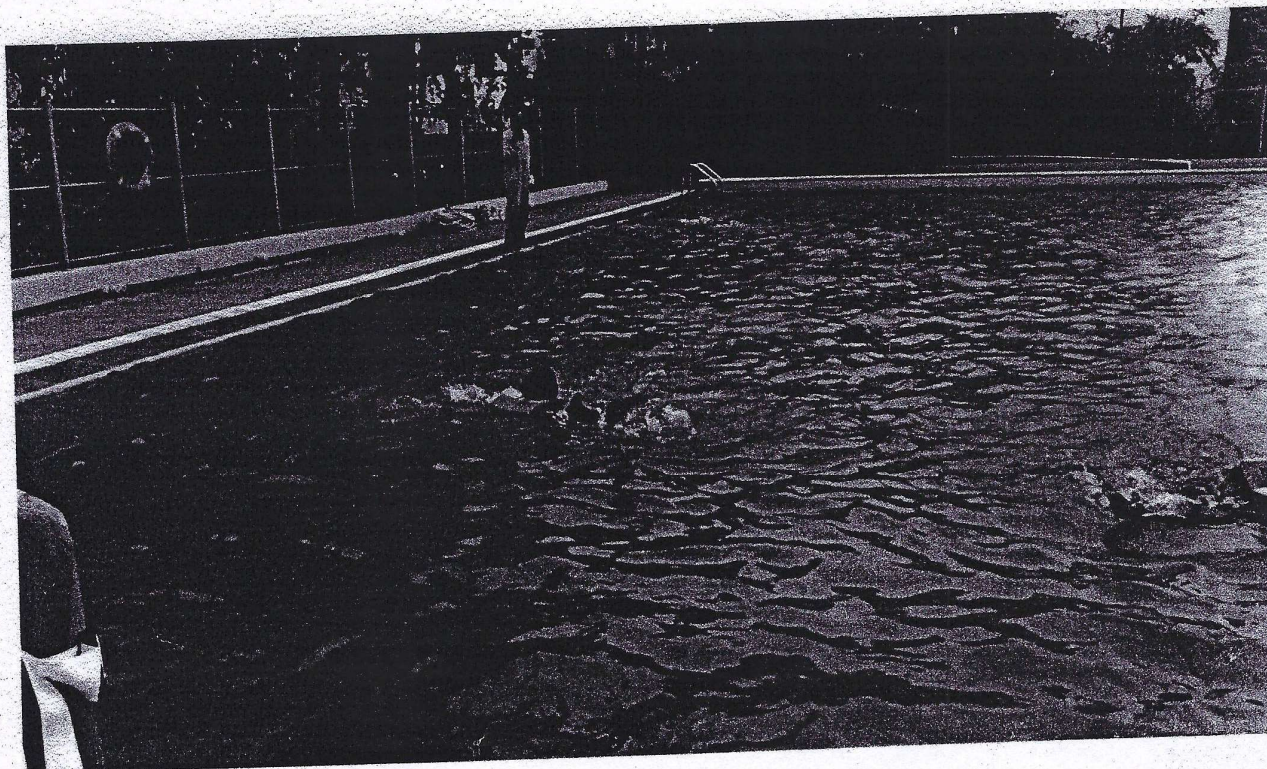
Prof. KR. CHIDAMBARAM
Prof.KR.CHIDAMBARAM

Name and Signature of Dean / Principal



B E MACHINE 16 [10 f f 0]
PST

(3)



DEPARTMENT OF MARINE ENGINEERING

VALUE ADDED COURSE DETAIL

ACADEMIC YEAR-2015-16

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2	Course offered by	AMET,STCW DEPT
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Department of Pre – Sea Modular Courses

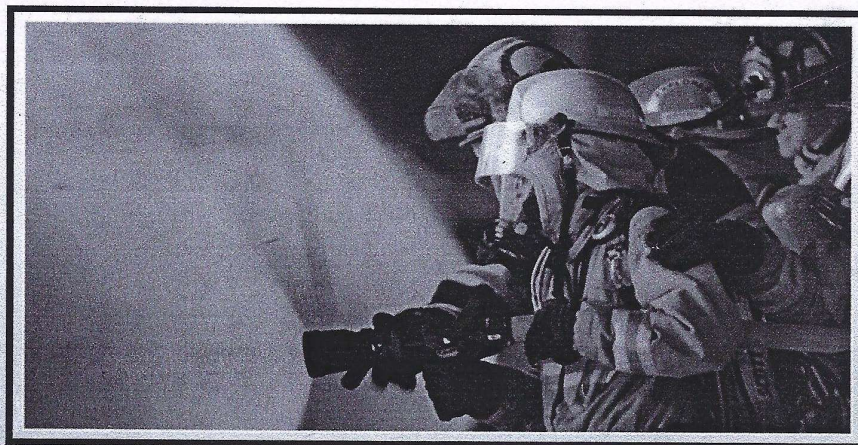
FIRE PREVENTION & FIRE FIGHTING (FPFF)



AMET

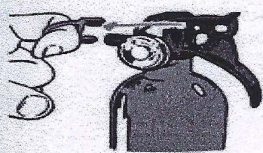
**ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY**

(Under Section 3 of UGC Act 1956)

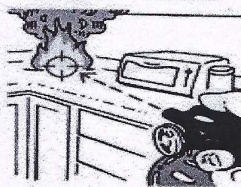


HOW TO USE A FIRE EXTINGUISHER

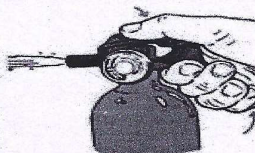
P A S S



**Pull the pin
in the handle**



**Aim the nozzle
at the base
of the fire**



**Squeeze the
lever slowly**



**Sweep from
side to side**



AMET UNIVERSITY

(Under Sec.3 of UGC Act 1956)

- 3y/1st/13

DEPARTMENT OF PRE-SEA MODULAR COURSES

COURSE OUTLINE – FIRE PREVENTION AND FIRE FIGHTING

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7. Ship Fire-Fighting Organization	0.75		
7.1 General emergency alarm			
7.2 Fire control plans and muster list			
7.3 Communications			
7.4 Personnel safety procedures			
7.5 Periodic shipboard drills			
7.6 Patrol systems			

ATTENDANCE RECORD SHEET: EFA/FPFF/PST/PSSR/OTFC/STSDSD

TO

FROM

BATCH NO:

DATE:

SL. NO.	INDoS	NAME	SIGNATURE OF STUDENTS		
			SESSION I	SESSION II	SESSION III
1	13EL2024	Mr. BONU CHANDRA MOULI	B. mouli	B. mouli	B. mouli
2	13EL2025	Mr. CHIDHARTHAN BOOPATHY	B. Chidharthan	B. Chidharthan	B. Chidharthan
3	13EL2026	Mr. CHILAMBARASAN CHINNADURAI	C. Chidh	C. Chidh	C. Chidh
4	13EL2027	Mr. DANIEL SWAMINATHAN	S. Din	S. Din	S. Din
5	13EL2028	Mr. DEEPAK KUMAR GANESAN	Deepak	Deepak	Deepak
6	13EL2029	Mr. DEEPAK RAJENDRAN	Deepak	Deepak	Deepak
7	13EL2031	Mr. DHARUN MAYURAPRIYAN SENTHIL	Dharun	Dharun	Dharun
8	13EL2042	Mr. DHEVARASA KENNADY	Dhevarasa	Dhevarasa	Dhevarasa
9	13EL2043	Mr. DHINAKARAN RAJA	Dhinakaran	Dhinakaran	Dhinakaran
10	13EL2044	Mr. EDWIN JOSE	Edwin	Edwin	Edwin
11	13EL2045	Mr. ELAVARASAN SHANMUGAM	Elavarasan	Elavarasan	Elavarasan
12	13EL2046	Mr. ELUMALAI GOVINDAN	Elumalai	Elumalai	Elumalai
13	13EL2049	Mr. FAZITH SAHUL HAMEED ABDUL KHADER	Fazith	Fazith	Fazith
14	13EL2050	Mr. GANESH CHANDRAN	Ganesh	Ganesh	Ganesh
15	13EL1957	Mr. GLADWELL FRANCISXAVIER LEEMAROSE	Gladwell	Gladwell	Gladwell
16	14EL2234	Mr. ANISH DANEEF VAIZ PRASAD VAIZ	Anish	Anish	Anish
17	14EL2233	Mr. BERNARD ASHOK	Bernard	Bernard	Bernard
18	14EL2228	Mr. KARTHIKEYAN SEKAR TIRUMANGALAM	Karthikeyan	Karthikeyan	Karthikeyan

Faculty Signature

Controlled Copy

Faculty Name: V. RAKH HAN DRAGON

AVET

UNIVERSITY

1956

BE-13 GP-1B

FPFF 610 ME BE 1B

ATTENDANCE RECORD SHEET: EFA/FPFF/PST/PSSR/OTFC/STSDSD

TO

BATCH NO:

FROM

DAY: / DATE:

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4	13EL2027	Mr. DANIEL SWAMINATHAN	S. Din	S. Din	S. Din
5	13EL2028	Mr. DEEPAK KUMAR GANESAN	W. D. D. D.	W. D. D. D.	W. D. D. D.
6	13EL2029	Mr. DEEPAK RAJENDRAN	R. Deepak	R. Deepak	R. Deepak
7	13EL2031	Mr. DHARUN MAYURAPRIYAN SENTHIL	D. Dharm	D. Dharm	D. Dharm
8	13EL2042	Mr. DHEVARASA KENNADY	D. Dharm	D. Dharm	D. Dharm
9	13EL2043	Mr. DHINAKARAN RAJA	D. Dharm	D. Dharm	D. Dharm
10	13EL2044	Mr. EDWIN JOSE	E. Ed	E. Ed	E. Ed
11	13EL2045	Mr. ELAVARASAN SHANMUGAM	G. T. T.	G. T. T.	G. T. T.
12	13EL2046	Mr. ELUMALAI GOVINDAN	G. T. T.	G. T. T.	G. T. T.
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17	14EL2233	Mr. BERNARD ASHOK	B. Bernard	B. Bernard	B. Bernard
18	14EL2228	Mr. KARTHIKEYAN SEKAR TIRUMANGALAM	K. Kartikeyan	K. Kartikeyan	K. Kartikeyan

Faculty Signature: V. Ramachandran, Controlled Copy

Faculty Name: V. RAMACHANDRAN

F202C/ REV 00/ 01.10.12

AMET

UNIVERSITY

(under sec. 3 of UGA Act 1956)

FPFF 610 ME BE 1B

ATTENDANCE RECORD SHEET: EFA/FPFF/PST/PSSR/OTFC/STSDSD

DAY: DATE:

BATCH NO: FROM TO

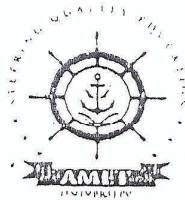
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19	14EL2228	Mr. KARTHIKEYAN SEKAR TIRUMANGALAM	K. Karthikeyan	K. Karthikeyan	K. Karthikeyan

Faculty Signature

Dean, Controlled Copy

Faculty Name: V. RAMACHANDRAN

F202C/ REV 00/ 01.10.12



AMET UNIVERSITY

(Under Sec. 3 of UGC Act 1956)
PROGRAMME EVALUATION

EFA / FPFF / PST / PSSR / STSDSD / OTFC

Dear participant,

Your honest feedback will help us to improve the course

1. Was the programme useful? ☒ Yes / ☐ No
2. Was the course content communicated effectively? ☒ Yes / ☐ No
3. Was the practical conducted effectively? ☒ Yes / ☐ No
4. Do you think the training can help you in work? ☒ Yes / ☐ No
5. Were the faculties well – versed with the subject? ☒ Yes / ☐ No
6. Topic on which you feel more elaboration was necessary?
NIL
7. Is there anything you would like to include in this programme?
NIL
8. Any other suggestions or comments.
NIL

Residential Address for External Candidate)

Company Address

Signature of the participant (Optional)

Name
Rank
Roll No
Date

Controlled Copy

F 211A / REV 00/01.10.2012



AMET UNIVERSITY

(Under Sec. 3 of the U.C. Act 1956)
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EFA /EPFF / PST/ PSSR/STSDSD/OTFC

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5. Were the faculties well – versed with the subject? ☒ Yes / ☐ No
6. Topic on which you feel more elaboration was necessary?

7. Is there anything you would like to include in this programme?
More
8. Any other suggestions or comments.
More real life experiences should be shared with the students

Residential Address for External Candidate)

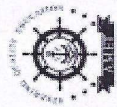
Company Address

Signature of the participant (Optional)

Name : Fazim Sahul
Rank : Engine cadet
Roll No : 16528
Date : _____

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F 211A / REV 00/ 01.10.2012



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING

Department of Marine Engineering

Value added course Feedback analysis report (2015-16)

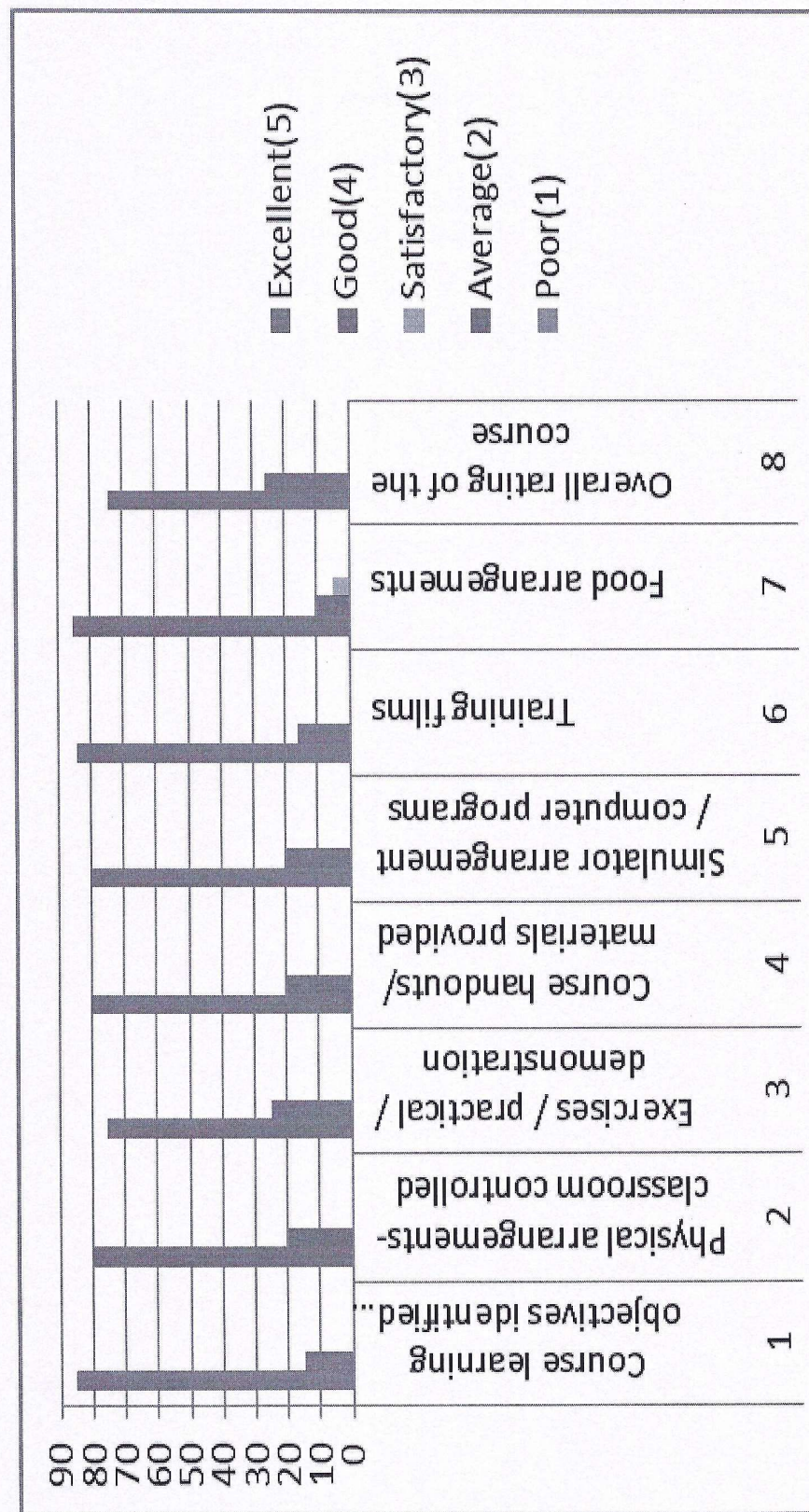
Course Name : Fire Prevention and Fire Fighting (FPFF)

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6	Training films	84	16			
7	Food arrangements	85	10	5		
8	Overall rating of the course	74	26			



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING



Summary:

Course learning objectives identified and achieved has been found satisfactory. Course handouts/ materials provided are also good. Need to take care of Food arrangements.

Findings:

From the feedback of Student the department observed that:

1. Food arrangements need to improve.
2. Overall rating of the course found satisfactory.

Action Plan:

Based on the observation the department planned to improve the above suggestion in order to enhance the quality of students.

Action Taken Report:

As per the students feedback it is found that Food arrangements is seems to be improved. In order to improve that the mess supervisor is advised to improve the quality food provided to the students.



AMET
UNIVERSITY
(Under Sec. 3 of UGC Act 1956)

135, East Coast Road, Kanathur - 603112, Chennai, INDIA,
Tel. : 044-27472155 Fax : 91-44-2747 2804 Email : office@ametuniv.ac.in

INDOS No.: 805

Certificate No.:FPFF/B602/03.....

THIS IS TO CERTIFY THAT Mr.ANOOP JOSE THEKKANAL

Date of Birth 29/10/1991(dd/mm/yyyy)

Holder of C.D.C. No. Passports No. H7382040

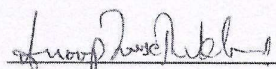
Certificate of Competency, (if any) Grade : No.

Indian National Database of Seafarers (INDoS) No. 16EL0407

has successfully completed a training course for Certificate of Proficiency in

FIRE PREVENTION AND FIRE FIGHTING

held from 08/02/2016 to 10/02/2016



Signature of Candidate

Date of Issue : 10/02/2016

Date of Expiry : UNLIMITED, subject
to refresher training every 5 Years





Mr.V.RAMACHANDRAN

Name and Signature of Course In-charge



Mr.K.R.CHIDAMBARAM

Name and Signature of Dean / Principal