

3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

e-copies of the MoUs with institution/ industry:

Academic Year: 2016-2017

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	List the actual activities under each MOU year wise
Institute of Chartered Shipbrokers, United Kingdom	Institute of Chartered Shipbrokers, United Kingdom	2016	Exchange of faculties for research, teaching and collaboration
Bharatiya Nabhikiya Vidyut Nigam Ltd	Bharatiya Nabhikiya Vidyut Nigam Ltd	2016	Internship
Livewire CADD Centre Training services private limited	Livewire CADD Centre Training services private limited	2016	Training - Enhance academic knowledge and skills
Conceptia Software Technologies	Conceptia Software Technologies	2016	Internship
Entomology Research Institute	Entomology Research Institute	2016	Collaborative Research
Jayagen Biologics	Jayagen Biologics	2016	Collaborative Research
Maritime Montering Norinco India Pvt Ltd	Maritime Montering Norinco India Pvt Ltd	2016	Internship
QuestionPro Inc	QuestionPro Inc	2016	Collaborative Research

MEMORANDUM OF UNDERSTANDING

Between

AMET deemed to be University

(u/s 3 of UGC Act 1956),

Department of Marine Biotechnology



and

ABTRI BIOTECH PRIVATE LIMITED



June 2017

AMET-ABTRI MoU 2017


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kannathur - 603 112, Chennai, India.

The parties collaborate, cooperate and interact to achieve the following scopes of this MOU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications of Marine and Terrestrial Organisms

1.1. Examples of research works under the title to Biotechnological applications of Marine and Terrestrial Microorganisms

1.1.1. Screening of marine and terrestrial microorganisms for the production of industrial enzymes

1.1.2. Bioactive secondary metabolites of marine and terrestrial microorganisms

1.1.3. Use of marine and terrestrial microorganisms for the synthesis of nanoparticles

1.1.4. Biological control agents and biofertilizers

1.1.5. Other fields identified mutually competent in the broader areas of Biotechnology

1.2. The Parties agree to work on the following activities also

1.2.1. Development of bioproducts from marine organisms

1.2.2. Development of Bioproducts from food processing wastes

1.2.3. Production and Marketing of Bioproducts

2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.

3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Parties. For example, ABTRI can request to utilize the expertise of AMET staff for their technical events. However, exchange of faculties or staff or scientist is to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Parties, above mentioned exchange of working staff may avail with mutual concerns.

4. Both Parties agree to utilize their Laboratory Instrument Facilities without any payments. Parties when such utilizations don't affect the normal functioning of the Parties.

AMET-ABTRI MoU 2017


Registrar /c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

The Parties to this Memorandum of Understanding (total five pages) hereby confirm their agreement to its terms by the following signatures:

AMET deemed to be University (u/s of UGC Act 1956)

Department of Marine Biotechnology

By.....

Dr P Saravanan

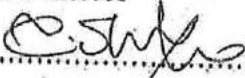
Registrar

AMET deemed to be University (u/s of UGC Act 1956)

135, East Coast Road, Kanathur

Chennai-603112

In witness thereof

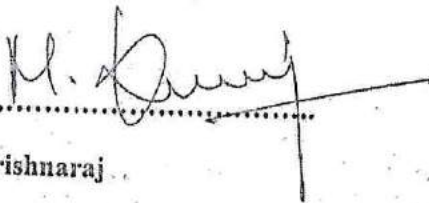
.....

Dr M Jayaprakashvel

HoD i/c Department of Marine Biotechnology

AMET deemed to be University

ABTRI BIOTECH PRIVATE LIMITED

By.....

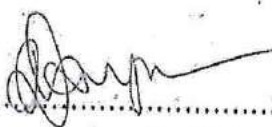
Dr M Krishnaraj

Managing Director

ABTRI BIOTECH PRIVATE LIMITED

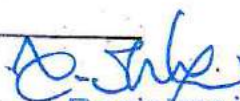
Thiru Vi Ka Industrial Estate (SIDCO)

Ekkaduthangal, Guindy, Chennai-600032

.....
Mr..... Dr R. ARUN BABU (C.S.O.)

ABTRI BIOTECH PRIVATE LIMITED

AMET-ABTRI MoU 2017


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND RESEARCH
(Deemed to be University u/s 3 of UGC)
135, East Coast Road,
Kanathur - 603 112, Chennai



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

DEPARTMENT OF MARINE BIOTECHNOLOGY

REPORT

GUEST LECTURE ON MARINE BIOPROSPECTING ON INDUSTRIAL PRODUCTS

Name of the Event : Guest lecture on Marine Bioprospecting on Industrial Products

Date & Time of the Event : 12-02-2020; 12:00 pm to 01:00 pm


Venue : T-10, Mahatma Gandhi Block, AMET

No. of Participants involved: 15

Resource Person : Dr. M. Krishnaraj, Managing Director,
ABTRI Biotech Private Ltd, Chennai

Faculty Coordinator : Dr. M. Jayaprakashvel, Associate Professor

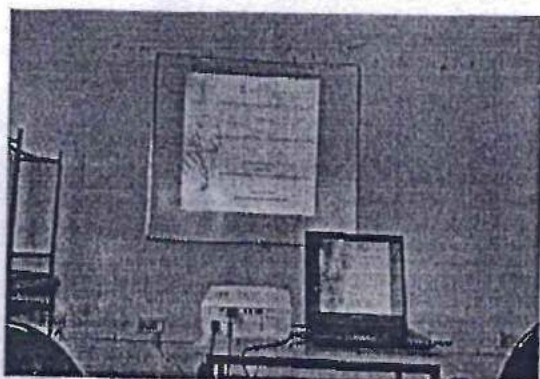
Bioprospecting is the process of discovery and commercialization of new products based on biological resources. Biological resources can be important and useful for different applications such as pharmaceuticals, agriculture, bioremediation etc. In this regards the Department of Marine Biotechnology, AMET, organizes guest lecture on Marine Bioprospecting on Industrial applications. The resource person was Dr. M. Krishnaraj, Managing Director from ABTRI Biotech Pvt. Ltd. with whom we have Memorandum of Understanding for the past two years. As part of our agreed collaboration Dr. M. Krishnaraj delivered a lecture on importance of marine resources and development of bioproducts from marine resources. He also explained the applications of marine micro and macro algae and their pharmaceuticals importance. He also discussed the drugs which are already in the market and in clinical trials.


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



AMET

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



Overview of the Guest Lecture

Head of the Department

Dr. M. JAYAPRAKASHVEL
Associate Professor and Head
Department of Marine Biotechnology
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kannur - 603 112, Chennai, India.

Registrar

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kannur - 603 112, Chennai, India.

Certificate No: ABI2019102



APEX BIOTECHNOLOGY TRAINING AND RESEARCH INSTITUTE

Certificate of Completion

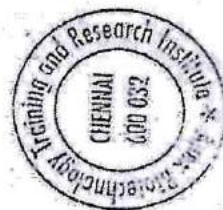
This is to certify that **Mr. MUGIP RAHAMAN**. A from **ACADEMY OF MARITIME EDUCATION AND TRAINING DEEMED TO BE UNIVERSITY, CHENNAI** has done his **INTERNSHIP ON ENZYME TECHNOLOGY** with us at **Apex Biotechnology Training and Research Institute, Chennai** from **10th June 2019 to 10th July 2019**. During the Internship, he demonstrated good working skill with a good self-motivated attitude to learn new things. Throughout the period, the conduct of the trainee was found to be **GOOD**.

For Apex Biotechnology Training and Research Institute


Dr. M. KRISHNARAJ
Director

training@apexbiotechtraining.in

+91-44-43604545



www.apexbiotechtraining.in



भारतीय नाभिकीय विद्युत निगम लिमिटेड
(भारत सरकार का उद्यम)
BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED
(A Government of India Enterprise)

No. BHAVINI/HR-WAS/IV/2017/28

January 5, 2017

Prof. K.R. Chidambaram
Principal - DGS Courses,
AMET University,
Kanathur, East Coast Road,
Chennai - 603 112

Sir,

Sub: Reference your letter dated 30th November 2016 Regarding Plant visit for the
Course "High Voltage Safety and Switch Gear"- Reg.

Competent Authority has accorded approval for the Industrial visit
(Half a day training) once in a week for your students (12 nos.) in BHAVINI. During
the period of these three hours, they will be demonstrated the following operations
as part of their High Voltage and Switch gear course:

1. High Voltage installation and Switch Room visit.
2. Safety Lockout procedure, key safes/multi hasp locking devices.
3. High Voltage measuring & Testing equipment.
4. Power management system & Instrumentation.
5. Maintenance of High Voltage system.

Thanking you,

Yours faithfully

V. Arulmozhi

(V. Arulmozhi) 5/1/2017

Senior Manager (HR)

वी.अरुलमोझी / V. Arulmozhi

वरिष्ठ प्रबंधक (भारत) / Senior Manager (HR)

भाविनि / BHAVINI

कल्पक्कम / Kalpakkam

कारपोरेट पहचान सं. (सीआईएन) : U40104TN2003GOI051811, वेबसाइट : www.bhavini.nic.in

Corporate Identity No. (CIN) : U40104TN2003GOI051811, Website : www.bhavini.nic.in

कार्यालय: पीएफबीआर परियोजना भवन, कल्पक्कम, कांचीपुरम जिला-603102, तमिलनाडु, भारत
Office: PFBR Project Station Building, Kalpakkam, Kancheepuram Dist.-603102, Tamilnadu, India.

फोन Phone : 044-27410183 (फैक्स Fax) 044-27410183 ईमेल Email ID:

पंजीकृत कार्यालय सं. 51, (प्रथम तल), मांटियथ मार्ग, एगमोर, चेन्नई-600 008, भारत

Regd. Office: No. 51, (1st Floor), Montieth Road, Egmore, Chennai-600 008, India

टेलीफोन Telephone No.: 044-28543374 Fax: 044-28550594

[Signature]
Registrar/i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Approved by the University, U.S. 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India



भारतीय नाभिकीय विद्युत निगम लिमिटेड
(भारत सरकार का उद्यम)
BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED
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4. Power management system & Instrumentation.
5. Maintenance of High Voltage system.

Thanking you,

Yours faithfully

V. Arulmozhi

(V. Arulmozhi) 5/1/2017

Senior Manager (HR)

वी. अरुलमोळी / V. Arulmozhi

वरिष्ठ प्रबंधक (मानव) / Senior Manager (HR)

भाविनि / BHAVINI

कल्पक्कम / Kalpakkam

कारपोरेट पहचान सं. (सीआईएन) : U40104TN2003GOI051811, वेबसाइट : www.bhavini.nic.in

Corporate Identity No. (CIN) : U40104TN2003GOI051811, Website : www.bhavini.nic.in

कार्यालय: पीएफबीआर परियोजना भवन, कल्पक्कम, कांचीपुरम जिला-603102, तमिलनाडु, भारत

Office: PFBR Project Station Building, Kalpakkam, Kancheepuram Dist.-603102, Tamilnadu, India.

फोन Phone : 044-28543374 (फैक्स Fax) 044-28550594 ईमेल Email ID:

पंजीकृत कार्यालय सं. 51, (प्रथम तल), मांटिलेथ मार्ग, एगमोर, चेन्नई-600 008, भारत

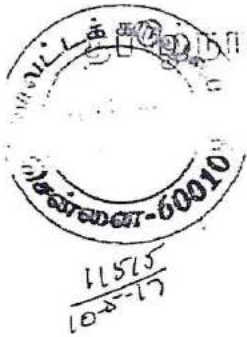
Regd. Office: No. 51, (1st Floor), Montleth Road, Egmore, Chennai-600 008, India

टेलीफोन Telephone No.: 044-28543374 Fax: 044-28550594

Arulmozhi

Registrar

Ministry of Education and Training
Approved to be University u/s 3 of UGC Act, 1956
East Coast Road
603 112, Chennai



Amet University

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereafter called as the 'MOU') is entered into on this 17.05.2017 at Chennai.

BETWEEN

ACADEMY OF MARITIME EDUCATION AND TRAINING, having its Principal office at 135, ECR, Kanathur, Chennai – 603 112, Tamil Nadu, India.

AND

CDCE SCHOOL OF AUTOMATION AND ROBOTICS, having its registered and corporate office at No. 2/2, Nagavalliamman koil 3rd Street, Kavarapalayam, Avadi, Chennai – 600 054, Tamil Nadu, India, in association with MSME Govt. of India, PPDC, TDC Agra, Uttarpradesh, which expression shall unless repugnant to subject or context mean and include its successors and assigns.

[Signature]
Registrar

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India

The Parties may constitute a Joint Steering Committee to manage and execute the cooperative activities mentioned in this MOU.

Each Party will nominate appropriate personnel to discuss and promote detailed cooperation activities for the implementation of this MOU. When necessary and as mutually agreed, the parties may hold working meetings. One party shall notify the other party of any modification in writing in case of change in the assigned personnel.

All conditions, changes, erasures, amendments, waivers, etc in MOU or related to this MOU shall only be in writing, duly executed by both the parties.

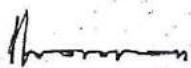
This MOU sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof and merges all discussions and negotiations between them prior to such execution.

Parties shall be treated as independent contractors and no relation of any agency, employer-employee or university - student shall subsist between the parties.


IN WITNESS WHEREOF the Parties have caused this Memorandum of Understanding to be executed the day and year first herein above written.

For and on behalf of

Academy of Maritime Education and Training
135, East Coast Road, Kanathur - 603 112
CHENNAI.


Dr. P. SARAVANAN,
Registrar,
AMET University,
135, East Coast Road, Kanathur - 603 112
Chennai.




WITNESS: 
Dr. T. SASI LATHA
DEAN - EEE(M)
AMET UNIVERSITY.

WITNESS
J. Thiagarajan
CDCE AUTOMATION

For and on behalf of

CDCE School of Automation and Robotics


Mr. J. RAJASEKAR,
Head-Automation,
CDCE AUTOMATION
No.2/2, Nagavalli Amman Koll
3RD Street, Kavarapalayam
Chennai - 600 054.
Mobile No. 7358554687




Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



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

Celebrating
25th
Year

Report on
National Workshop

On

CONCEPTUAL PRACTICES IN INDUSTRIAL AUTOMATION

Organized By

Department of Electrical and Electronics Engineering

In association with

CDCE Automation



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
OUR STRENGTH IS YOUR VISION

Ministry of MSME, Govt. of India

&

MSME

(Ministry of Micro, Small and Medium Enterprises)
Govt. of India

Date: 13th and 14th December 2017 (Wednesday & Thursday)

Time: 9:30 am to 4:00 pm Venue: DNV Hall- 2, AMET University

Resource Person(s)

Mr. RAJASEKAR JAYAKUMAR

Director, CDCE Automation

Trainer- Ministry of Micro, Small & Medium Enterprises

Convener

Dr. T. Sasilatha, Dean & Professor/ EEE

Coordinator(s)

Mr. M. Rajavelan - AP / EEE

Mrs. G. Jegadeeswari - AP / EEE

Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



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

REPORT

on

VALUE ADDED TRAINING PROGRAM

"ON-BOARD SHIP AUTOMATION"

Organized By
Department of Electrical and Electronics Engineering

In Collaboration with



MSME
MINISTRY OF SMALL & MEDIUM ENTERPRISES
OUR STRENGTH IS OUR POWER

Ministry of MSME, Govt. of India

CDCE Automation

Certification by MSME

Govt. of India

Date: JAN 2018- OCT 2018

Venue:

AMET Deemed to be University

Convener

Dr. T. Sasilatha

Professor and Dean

Department of Electrical and Electronics Engineering

Co-Ordinators

Dr. S. V. Saravanan, Professor / EEE


Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



சென்னை
5/6/18
14/2/80
6-6-17

தமிழ்நாடு தமில்நாடு TAMIL NADU

Amet University

S. P. Vasth
S. P. VASTH
STAMP VENDOR
L. No. C4/22702/81 Dt. 27-1-82
Old # 15, Robertson Lane, Chennai - 28.
Phone : 044 - 24939524

MEMORANDUM OF UNDERSTANDING

Between



AMET

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

Academy of Maritime Education and Training,
135, East Coast Road,
Kanathur - 603 112, Chennai.

and



Electronics Platform Research Labs (EPRLABs),
14, 1st Floor, Andavar Nagar, 2nd Street,
Kodambakkam, Chennai - 600024.

S. S. S.
Registrar

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

MEMORANDUM OF UNDERTAKING

This Memorandum of Understanding (hereafter called as the 'MOU') is entered into on this 07.06.2017 at Chennai.

Parties: This Memorandum of Undertaking (here in after referred to as "MOU") is made and entered into by and between AMET University, Chennai whose address is AMET University, 135, East Coast Road, Kanathur, Chennai, Tamilnadu and EPRLABs whose address is 14, 1st floor, Aandavar Nagar 2nd Street, Kodambakkam, Chennai 24.


1. Purpose: The purpose of this MOU is to establish the terms and conditions under which EPRLABs will use class rooms in the premises of AMET University, Chennai for conducting the Technical Skill Development Workshop in the field of Electronics/Embedded Systems/3d Printer and Robotics for the students of AMET University, Chennai.
2. Term of the MOU, This MOU is effective upon the day and date last signed and executed by the duly authorized representative of the parties to this MOU and shall remain in full force and effect till the end of the Electronics / Embedded Systems/3D Printing and Robotics course conducted by EPRLABs. This MOU may be terminated, without cause, by either party upon one month written notice. Which shall be delivered by hand or by certificate, mail to the address listed above.
3. AMET University, Chennai agrees to provide the following facilities
 - Class Rooms
 - Public Addressing System
4. EPRLABs shall provide all the material – teaching notes, course material and relevant software required for the program delivery.
5. AMET University is free to extend the course to other departments, as well, and EPRLABs shall extend all the support required for the course delivery at other campuses.
6. Classes will be conducted from Monday to Friday, and if required during the weekends, as mutually agreed between AMET University and EPRLABs.
7. General Provisions
 - A. Amendments, Either party may request changes to this MOU. Any changes, modifications, revisions, or amendments to this MOU which are mutually agreed upon by and between the parties to the MOU shall be incorporated by written instrument, and effective when executed and signed by both parties to this MOU.
 - B. Entirety of agreement. This MOU consisting of 2 pages represents the entire and integrated agreement between the parties and supersedes all prior negotiations, representation and agreements whether written or oral.


Registrar/i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

- C. Severability should any portion of this MOU be judicially determined to be illegal or unenforceable, the remainder of the MOU shall continue in full force and effect, and either party may renegotiate the terms affected by the severance.
8. Indemnification: "EPRLABs shall indemnify and hold AMET University harmless against claims, costs, expenses, losses, damages and any other liabilities incurred as a result of failure to observe and perform obligations pursuant to this MOU".
9. Signatures. In witness, whereof, the parties to this MOU through their duly authorized representatives have executed the MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.
10. In the event of any dispute or difference arising under this contract/agreement in connection therewith except as to the matter, the decision of which is specifically prescribed under this contract the same shall be referred to the sole arbitration of Registrar, AMET University, Chennai. The venue of the arbitration proceedings shall be within Chennai.
11. All Legal issues arising out of this contract shall be subject to the territorial jurisdiction of Chennai Court and guaranteed by the Indian Laws for the time being in force.
12. This Memorandum of Understanding will be valid for a period of two academic years 2017-18 and 2018-19.

This MOU sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof and merges all discussions and negotiations between them prior to such execution.


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TR
(Deemed to be University u/s 3 of UGC Act. 1
135, East Coast Road,
Kanchipuram - 603 112, Chennai, Indi

Parties shall be treated as independent contractors and no relation of any agency, employer-employee or university – student shall subsist between the parties.

IN WITNESS WHEREOF the Parties have caused this Memorandum of Understanding to be executed the day and year first herein above written.

The effective date of this MOU is the date of the signature last affixed to this page.

For and on behalf of

Academy of Maritime Education and Training
135, East Coast Road, Kanathur
CHENNAI-603112.



Dr. P. SARAVANAN,
Registrar,
AMET University
135, East Coast Road, Kanathur
Chennai-603112.

For and on behalf of

Electronics Platform Research Lab
14, 1st Floor, Andavar Nagar, 2nd Street,
Kodambakkam, Chennai – 600024.



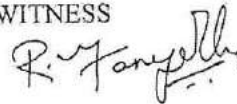
Mr. R. Purushothaman,
CEO & Founder,
Electronics Platform Research Lab
14, 1st Floor, Andavar Nagar, 2nd Street,
Kodambakkam, Chennai – 600024.

WITNESS




NAME: Dr. T-Sarilatha
TITLE: Dean – EEE (M).

WITNESS



NAME: GANAPATHY R
TITLE: PRODUCT ANALYST




Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
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135, East Coast Road,
Kanathur - 603 112, Chennai, India.



AMET

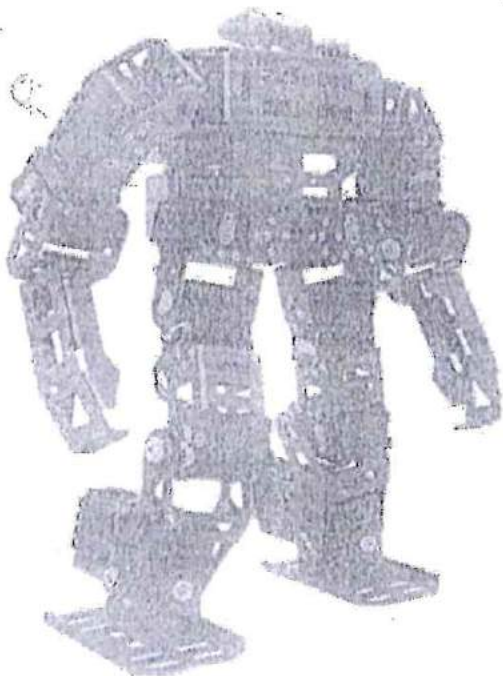
ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act 1956)

PROPOSAL FOR VALUE ADDED COURSE

by

DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

(in association with EPR Labs)



C. S. K.
Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act,
135, East Coast Road,
Kanathur - 603 112, Chennai, India)

PROPOSAL FOR VALUE ADDED COURSE ON PRODUCT DEVELOPMENT TRAINING AND BASIC ROBOTICS USING MCU

INTRODUCTION:

To fulfill the expected growth in manpower requirement and the future needs of the engineers in industry more courses are needed at different levels. Private institutions do conduct some courses for training such manpower. However, these are more like coaching classes. True growth of knowledge in this field can come through education programmes conducted by Universities. At present no university in India has started courses in this field. It is hence considered necessary to add new course in robotics and artificial intelligence to impart wider skills needed in this area. With the globalization of the automation industry it has become imperative to update and upgrade these courses so that Indian industry can face the global challenges and maintains its growth in this vital segment.

The value added course on robotics and artificial intelligence, which include direct teaching, assignments and project. Totally six course module available in the value added course on robotics and artificial intelligence. Students who will complete one of these courses modules will be eligible for a certificate. These courses to begin with course module I and will be extended at other semesters as value added course.


The fees for each value added course on product development training and basic robotics using MCU is Rs. 1,500.

It is proposed that the value added course will be for a period of one semester (Wednesday-Thursday) with around 4 hrs teaching per week.

Assignments and projects will be given to the students to calibrate and to provide the certificate.

VALUE ADDED COURSE ON MCU AND ROBOTICS

The purpose of the value added course is to simplify the creation of robotic applications and to do research projects on robotics. The course on robotics is divided into six course modules. Each course has been framed for approximately 30 hours. These 30 hours of course module gives immense knowledge on integration of robotics parts into robots and programming. Students will be able to design humanoid robot, Animal robot, Android robot, Prince Robot and 3D printing. Students are also given extensive hands on training for developing mobile robots. In addition, the


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behavior of the robots, study of their communications and specifications (attenuation, power, wiring or radio frequency) is imperative. This course will give a great impact to develop various robots for different applications like space research, robots at operation theatre and to neutralize the bomb at the line of crossing during war time.

OBJECTIVE OF THE VALUE ADDED COURSE:

The main objective of the value added course is to make students capable to understand the behaviour of different parts of robots. The student's will be able to make his/her desired work using robot and reducing the need of a human to increase the accuracy and speed of the work.

- ❖ To understand the fundamentals of Robotics
- ❖ To learn techniques for programming of robots
- ❖ To understand the behavior of combined system of different engineering modules using artificial intelligence
- ❖ To optimize safety and reliability

VALUE ADDED COURSE STRUCTURE:

The training course is divided into six modules

Course Module	Course Details	Duration (Hours)
Module I	Product Development Training and Basic Robotics Using MCU	30
Module II	Gadget Development Training using MPU	30
Module III	Advanced Robotic Course - Humanoid Robot Design	30
Module IV	Animal Anatomy Robot Design (dog, cat, reptile etc.,)	30
Module V	Quad copter - Designing and Programming	30
Module VI	Building and Using 3d Printer	30

BENEFITS

- ❖ Study of different types of robots based on configurations and applications.
- ❖ Study of different types of links and joints used in robots
- ❖ Study of components of robots with drive systems
- ❖ Verification of transformation (Position and orientation) with respect to gripper and World coordinate systems
- ❖ Estimation of accuracy, repeatability and resolution
- ❖ Robot programming exercises (Point-to-point and continuous path programming)

WHO WILL GET BENEFITS OF THIS VALUE ADDED COURSE?

The value added course on "Product Development Training and Basic Robotics Using MCU" will be more added advantage with regular academic subjects for second year EEE student. The value added course training will be given for second year EEE students by the experts from the Electronics Platform Research Lab's.

INDUSTRIAL AUTOMATION TRAINER

An MOU is signed between the Department of Electrical and Electronics Engineering, AMET University and Electronics Platform Research Lab's (EPR Labs) on 7 May 2017 in order of facilitate research on design of robots, programming of robots and to operate the robots using Artificial Intelligence.


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PRODUCT DEVELOPMENT TRAINING USING ARDUINO

Core Circuit design for Arduino



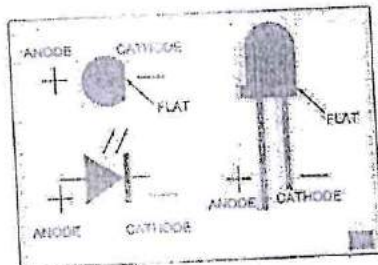
Embedded C Programming

Robotics and their architecture

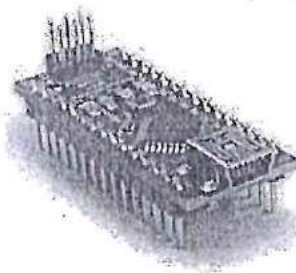
Peripheral Interface details

Programming and controlling hardware


Sensors and its types interfacing sensors to controller and programming



Interfacing Sensors and LED/Buzzer for dancing movement of robot Designing Dancing lights fading concepts etc.,



-4 HOURS

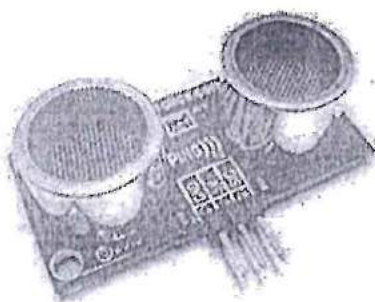

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Interfacing Motor



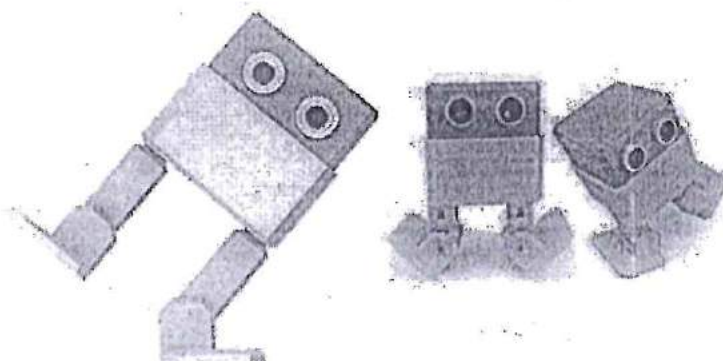
Driver Circuit for Motor

Programming the Motor and Designing Basic Robots




Demo of Walking and Dancing Robot

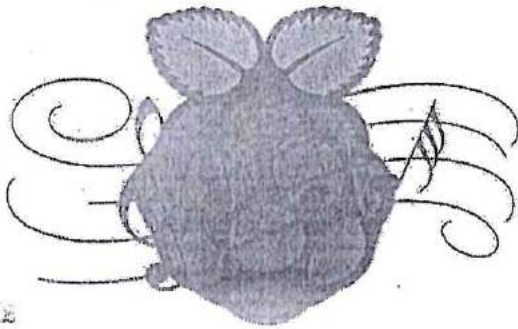
Object avoidance for Bipedal Robot



-4 HOURS

EPRLABS Practical Approach to Engineering


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Introduction to Linux Operating System

Overview and Pin details of Raspberry Pi

Making Boot file

Understanding Make file and Script file concepts

Programming Environment – GCC and Nano Editor

Understanding Amplifier Concepts and espeak application

Voice Applications and setting different tones

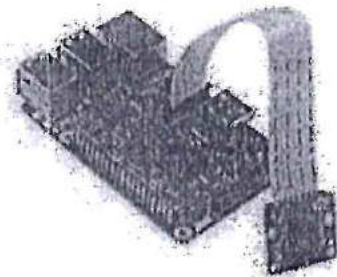
Writing code to control the playlist

Requirement study and specification, Configuring Camera

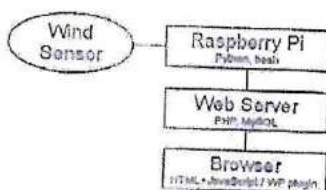
Raspistill and Raspihd application in detail

Saving image options like pixel, timestamp details

Designing an Automatic Welcoming and Felicitating Application



-6 HOURS



IOT CONCEPTS:

Programming Environment – GCC and Nano Editor

Web-server overview

Connecting Raspberry GPIO to Web interface

Writing the Code in C

File storage Motor Interface with the Processor

Designing of Wheeled Robot with Camera Interface Motion

Application to Monitor the Robot.

Surveillance application.

-6 HOURS

This training program is exclusively designed for AMET University and we charge Rs. 2250/- per student. Students can bring laptop.

What we need?

We need 6 hours of your Valuable time per day;

Minimum 10 Systems with USB Keyboard and USB Mouse depending upon batch size with Projector and Audio facilities.

Motive behind this workshop we are looking for Talent Acquisition in reputed Educational Institutions. We want all the students to Learn and use / Program / Promote our Open Source Robot Online.

Systems or Laptop should have minimum Core2Duo or i3 Processor or equivalent and 4GB RAM, 50 GB memory space for operation With Windows 7 or higher.


For more details Contact 9486806486/ 9080589766

Certificates will be provided for each student.

COURSE MODULE I: Product Development Training and Basic Robotics Using MCU

Duration of the course (30 Hours):

S.No	Description	Theory	Practical
1	Overview of Product design, Introduction to microcontroller architecture, Differences between various microcontroller architecture with real time examples (Mobile phone, Washing machine etc.), Core Circuit design for Controller, Embedded C Programming, Robotics and their architecture ,Peripheral Interface details, Programming and Controlling hardware, LED and Buzzer programming, Various tasks using LED Buzzer, PWM technique	3Hrs	5 Hrs
2	Sensors and its types ,Interfacing sensors to controller and programming ,Interfacing Sensors and LED/Buzzer and programming tasks, Overview of Actuators, Power circuit design for motors, Integrating Sensors and Motors to design a Robot, Designing 5+ Wheeled Robots using various sensors	2Hrs	3Hrs
3	ADC solution for sensor accuracy, Application of ADC, Designing Temperature monitoring device (used in Induction stove, Owen and Air Conditioner)	2Hrs	3Hrs
4	Interrupt Programming, Real Time experience on the product	2Hrs	3Hrs
5	Timer Programming, Application of Timers and its importance, Introduction to Wireless concepts (Bluetooth) , USART Programming (Designing Wireless Controlled applications. e.g. Wireless Robot, Home automation etc.), Queries, Feedback, Certification	3Hrs	4 Hrs


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DAY PLAN FOR VALUE ADDED PROGRAMME

S.NO	DATE	DAY	HOUR	Status	
1	03/09/2018	MONDAY (3 rd and 4 th Hour)	10.50 AM to 12.40 PM	Conducted	2
2	12/09/2018	WEDNESDAY (6 th and 7 th Hour)-	2.20 PM to 4 PM	Conducted	2
3	13/09/2018	THURSDAY (1 st and 2 nd Hour)-	9 AM to 10.40 AM	Holiday , Not Conducted Ganesha festival	-
4	19/09/2018	WEDNESDAY (6 th and 7 th Hour)-	2.20 PM to 4 PM	Not conducted EPR lab trainer unavailable	-
5	20/09/2018	THURSDAY (1 st and 2 nd Hour)-	9 AM to 10.40 AM	Not Conducted Convocation – Holiday declared for students	-
6	26/09/2018	WEDNESDAY (6 th and 7 th Hour)-	2.20 PM to 4 PM	Conducted	2
7	27/09/2018	THURSDAY (1 st and 2 nd Hour)-	9 AM to 10.40 AM	Not Conducted Class suspended for students due Intl. conference	-
8	03/10/2018	WEDNESDAY (6 th and 7 th Hour)-	2.20 PM to 4 PM	Not conducted EPR lab trainer	-


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				unavailable	
9	04/10/2018	THURSDAY (1 st and 2 nd Hour)-	9 AM to 10.40 AM	Not conducted EPR lab trainer. unavailable	-
10	10/10/2018	WEDNESDAY (6 th and 7 th Hour)-	2.20 PM to 4 PM	Not conducted Due rain red alert	-
11	11/10/2018	THURSDAY (1 st and 2 nd Hour)-	9 AM to 10.40 AM	Not conducted Due rain red alert	-
12	17/10/2018	WEDNESDAY (5,6,7 Hour)-	1.30 PM to 4 PM	Not conducted Due less student strength	--
13	18/10/2018	THURSDAY (2,3 Hour)-	9 AM to 10.40 AM	Conducted	2
14	24/10/2018	WEDNESDAY (5,6,7 Hour)	1.30 PM to 4 PM	Conducted	3
15	25/10/2018	THURSDAY (2,3,4)	9.50 AM to 12.40 PM	Conducted	3
16	27/10/2018	WEDNESDAY (2,3,4)	1.30 PM to 4 PM	Conducted	3
17	01/11/2018	Saturday (Thursday day order 3,4)	10.50 AM to 12.40 AM	Conducted	2
18	08/11/2018	Thursday 1,2	9 AM to 10.40 AM	Conducted	2
19	14/11/2018	Wednesday 5,6,7	1.30 PM to 4 PM	Conducted	3
20	16/11/2018	Friday 5,6	1.30 PM to 3.10 PM	Conducted	2

26 hours conducted


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Department of Electrical and Electronics Engineering
VALUE ADDED COURSE ON PRODUCT DEVELOPMENT TRAINING AND BASIC ROBOTICS USING MCU

S.No	Roll No	Student Name	03.09.18	12.09.18	25.09.18	18.10.18	24.10.18	25.10.18	27.10.18	01.11.18	08.11.18	14.11.18	16.11.18	24.11.18		
1	EE329	VINNARASI V	/	/	/	/	/	/	/	/	/	/	/	/		
2	EE330	AAGASH G	/	/	/	/	/	/	/	a	/	/	/	/		
3	EE331	ABHISHEK M DEEPAK	/	/	/	/	/	/	/	/	/	/	/	/		
4	EE332	ADARSH P	/	/	/	/	/	/	/	/	/	/	/	/		
5	EE333	AKASH H	/	a	/	/	/	/	/	/	/	/	/	/		
6	EE335	ARUN P	/	/	/	/	/	/	/	/	/	/	/	/		
7	EE336	ARUNKUMAR K S	a	/	/	/	/	/	/	/	a	/	/	/		
8	EE337	BALAGANESH	/	a	/	/	/	/	/	/	a	/	/	/		
9	EE338	BALAJI M	/	a	/	/	/	/	/	/	/	/	/	/		
10	EE339	BALAMURUGAN K	/	a	/	/	/	/	/	/	/	/	/	a		
11	EE340	BRJESH C R	/	/	/	/	/	/	/	/	/	/	/	/		
12	EE341	DHANASEKAR P	/	/	/	/	/	/	/	/	/	/	/	/		
13	EE342	DINESH R	/	/	/	/	/	/	/	/	/	/	/	/		
14	EE343	DURAI PANDI A	a	a	/	/	/	/	/	a	a	/	/	/		
15	EE344	HARIHARAN N	a	a	/	/	/	/	/	/	/	/	/	/		
16	EE345	HASHEEM SHARIFF I	/	a	/	/	/	/	/	/	/	/	/	/		
17	EE346	HEMANTRAJ R	/	/	/	/	a	/	/	/	/	/	/	/		
18	EE347	JAYASURYA	/	/	/	/	/	/	/	/	/	/	/	/		
19	EE348	KARITHIK R	a	/	a	/	/	/	/	/	/	/	/	/		
20	EE350	MAHESHWARAN A	/	/	/	/	/	/	/	/	a	/	/	/		
21	EE351	MANIVANNAN D S	/	/	/	/	/	/	/	/	/	/	/	/		
22	EE352	MANOJ C K	/	/	/	/	/	/	/	/	/	/	/	/		
23	EE353	MANOJ KUMAR R	/	/	/	/	/	/	/	a	/	/	/	/		
24	EE354	MOHAMMED NAJEM	/	/	/	/	/	/	/	/	/	/	/	/		
25	EE355	MOHAMMED YASER N	/	/	/	/	/	/	/	/	/	/	/	/		
26	EE356	MOHAMMED AZHAIR M S	/	/	/	/	/	/	/	/	/	/	/	/		
27	EE357	MOHAMMED SHUAIB K	/	/	/	/	/	/	/	/	/	/	/	/		
28	EE358	NAVEEN B	/	a	/	/	/	/	/	/	/	/	/	a		
29	EE359	NAVEEN P	/	/	/	/	/	/	/	/	/	/	/	/		
30	EE360	NAVIN ANANDH	a	/	/	/	/	/	/	a	/	/	/	/		
31	EE361	NIRMAL KUMAR	/	/	/	/	/	/	/	/	/	/	/	/		
32	EE362	PRADEEP M	/	/	/	/	/	/	/	/	/	/	/	/		
33	EE363	PUKUSHOTHAMAN N	/	/	/	/	/	/	/	/	/	/	/	/		
34	EE364	RUDRAN V	/	/	a	/	/	/	/	/	/	/	/	/		
35	EE365	SANTHOSH B	a	/	a	/	/	/	/	/	/	/	/	/		
36	EE368	SUDARSHAN	/	/	/	/	/	/	/	/	/	/	/	/		
37	EE369	SURYA PRASAD A	/	/	/	/	/	/	/	/	/	/	/	/		
38	EE370	UDHAYA KUMAR A	/	/	a	/	/	/	/	/	/	/	/	/		
39	EE372	VENKATESAN K	/	a	/	/	/	/	/	/	/	/	/	/		
40	EE374	YOGESH KUMAR A	/	a	/	/	/	/	/	/	/	/	/	/		
41	EE375	VIGNESH K	/	/	/	/	/	/	/	/	/	/	/	/		
42	EE 377	Sridhar	/	/	a	/	/	/	/	a	/	/	/	/		
43	EE 378	Prathik Kumar Gupta	/	/	/	/	/	/	/	/	/	/	/	/		
44	EE 379	JOEL MESTRE	/	a	/	/	/	/	/	/	/	/	/	/		
45	EE 380 L	EZHIL ARASAN R	/	/	/	/	/	/	/	/	/	/	/	/		
46	EE 381 L	Veerabathceeran	/	/	/	/	/	/	/	/	/	/	/	/		
47	EE 382L	VIKNEESH S	/	/	/	/	/	/	/	/	/	/	/	/		

(Signature)

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(Under Section 3 of UGC Act 1956)

25 Years
Celebrating

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED TRAINING PROGRAM

on

PRODUCT DEVELOPMENT USING MCU

in association with

Electronics Platform Research Labs (EPR Labs)

Certificate of Completion

This is to certify that Mr. MOHAMED NAJEEM M. T. YEAR ... EEE - MARINE of

AMET DEEMED TO BE UNIVERSITY has successfully completed the training course of 30 hours in

"Product Development and Basic Robotics Using MCU" in association with Electronics Platform Research Labs (EPR Labs),
during the academic year 2018 - 2019 (Odd Sem) at AMET Deemed to be University.

Mr. R. Purushothaman

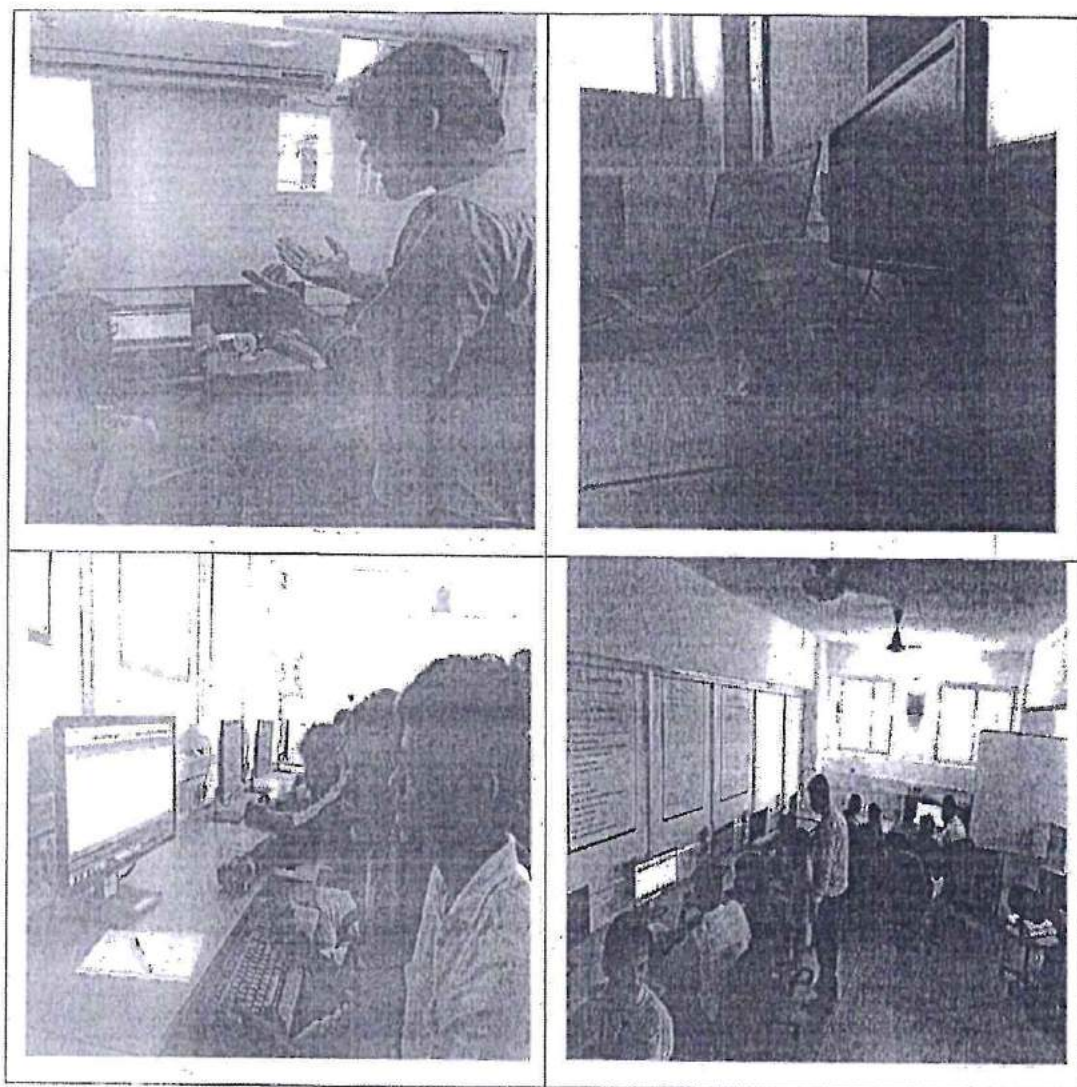
CEO/Founder
Electronics Platform Research Labs
Chennai

Dr. T. Sasilatha


Dean - EEE

Dr. P. Saravanan

Registrar



Product Development Training and Basic Robotics Using MCU by EPR Labs


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MEMORANDUM OF UNDERSTANDING

Between

AMET UNIVERSITY
CHENNAI, INDIA

&

FUSION SPECIALIZED SHIPPING & LOGISTICS LLC
DUBAI, UAE

This MEMORANDUM OF UNDERSTANDING (hereinafter called THE MOU) is entered into on this date, 29th April 2017 between AMET UNIVERSITY situated at 135, East Coast Road, Kanathur, Chennai-603112 (hereinafter called 'THE UNIVERSITY') and Fusion Specialized Shipping & Logistics LLC, having its head office at P.O.Box - 120250, Dubai, UAE (hereinafter called 'THE COMPANY').

1. THE UNIVERSITY and THE COMPANY agree to undertake a series of mutually beneficial activities under this MOU. The areas of collaboration are broadly listed in this MOU, while the specific details with reference to each activity shall be worked out at the time of actual activity.
2. THE COMPANY shall arrange to provide internships/project works to THE UNIVERSITY's students and utilize them for periods prescribed by the University in consultation with the Company.

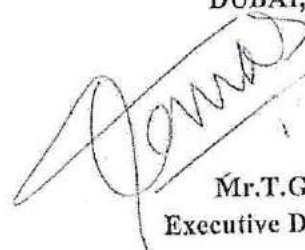
3. Through this MOU, both THE UNIVERSITY and THE COMPANY affirm their commitment to develop a mutually enriching relationship.
4. The purpose of this MOU is only to explore & express the intentions of the parties and does not have legal implications.
5. Each party shall keep confidential any information that is received from the other party. The same shall not be shared in any public forum or third party.
6. This Memorandum of understanding will be in force from 1st May 2017. Any difference of opinion between the parties on any activity during the period of the MOU shall be resolved by mutual consultation.
7. The terms of co-operation may be extended beyond the terms mentioned in this MOU, based on discussion and mutual agreement between THE UNIVERSITY and THE COMPANY.

For and on behalf of
AMET UNIVERSITY
KANATHUR
CHENNAI



Dr. P. Saravanan
Registrar

For and on behalf of
FUSION SPECIALIZED SHIPPING &
LOGISTICS LLC,
DUBAI, UAE



Mr. T. Gregory
Executive Director


Registrar i/c

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**MoU Activity
Workshop on Mind Engineering
25th January 2020 (Saturday)**



A workshop was conducted on 25th January 2020 (Saturday) on Mind Engineering for first year MBA students in DNV Hall-II by the Chennai Port Dy.Chairman Mr. George.

Mind Engineering - A Process of Elevating Level of Awareness. Mind Engineering is for

- Love, peace and joy in life
- Problem and conflict free life
- Freedom from mental stress and pain
- Developing personality to its full potential
- Spiritual awakening and development
- Raising the level of awareness and consciousness
- Healthy body and mind
- Excellence in every aspect of life
- Enhancing efficiency and performance
- Conflict free interaction
- Realizing full potential of mind
- Developing an innovative and creative mind
- Resolving emotional problems and conflict



39AB 283629
S. P. VANDANA
STAMP VENDOR
L. No. C4122702/51 Dt. 27-1-82
Old # 15, Robertson Lane, Chennai - 28.
Phone : 044 - 24939524

MEMORANDUM OF UNDERSTANDING

Between

AMET UNIVERSITY, CHENNAI
&
INDIAN INSTITUTE OF MATERIALS MANAGEMENT
CHENNAI

This MEMORANDUM OF UNDERSTANDING (hereinafter called THE MOU) is entered into on this date, the 7th August 2017, between AMET UNIVERSITY situated at 135, East Coast Road, Kanathur, Chennai: 603112 (hereinafter called 'THE UNIVERSITY') and INDIAN INSTITUTE OF MATERIALS MANAGEMENT (IIMM), 4th Floor, Chateau D'Ampa, 110 (New # 37) Nelson Manickam Road, Aminjikarai, Chennai - 600029, Tamil Nadu, India (hereinafter called IIMM).

THE UNIVERSITY and IIMM agree to conduct a Certificate Programme – Basics of Supply Chain Management and to undertake a series of mutually beneficial activities under this MOU. The areas of collaboration are broadly listed in this MOU, while the specific details with reference to each activity shall be worked out at the time of actual activity.

Sharing Resources:

1. IIMM and THE UNIVERSITY agree to share their information, knowledge, experience, infrastructure facilities, to conduct the said Certificate Programme. However the programme venue for conduct of the programmes will be AMET University campus.
2. IIMM shall be involved in interactive collaboration with THE UNIVERSITY by exchanging expertise in industry and academia, so as to contribute towards curriculum improvisation towards industry orientation.

3. Key deliverables by IIMM

- Lending IIMM logo on the Certificate on Programme – Basics of Supply Chain Management along with AMET University logo.
- Support in bringing in admissions for the Certificate Programme on Basics of Supply Chain Management.
- IIMM shall send its employees as guest lecturers based on their convenience and on mutually agreeable basis for the students of THE UNIVERSITY.
- Organize curriculum review by competent board of studies/academic advisory council members periodically
- Academic delivery with IIMM faculty resources
- Question paper setting and valuation.

4. Terms and conditions

- The University shall explicitly mention IIMM as knowledge partner in all communications related to the Certificate on Logistics and Supply Chain Management programme supported by IIMM.

- Minimum number of students per programme cohort is 20.
- The course would run for 30 hours, spread over 2 months. (this would include the assessment at the end).
- Faculty members would be, professionals from the field of Supply Chain Management.
- The course fee would Rs. 4500/- (four thousand and five hundred only) per individual.
- IIMM will be involved in University examinations assessment for relevant subjects.

5. Revenue sharing

- o It has been mutually agreed for 60%:40% revenue sharing model. 40% of the fees collected from the students, shall be retained by AMET University and 60% as IIMM share.
- o THE UNIVERSITY shall collect the fees and remit IIMM's share within 15 days of commencement of the semester.

Valid Duration

6. This MOU shall be valid for two years effective from the date of signing by authorized representatives of both parties.

Renewal

7. The MOU shall be renewed after two years from the date of signing by authorized representatives of both parties, under mutually agreed revised terms and conditions through a renewal application.

Amendments

8. Any of the clauses / articles contained here in this MOU shall be amended with mutual written and specific consent of both the parties.

Termination

9. This MOU shall be terminated by either party by giving six months notice to the other so as to have effect of concluding this agreement by the end of the subsequent semester, enabling the current students to complete the subsequent semester.



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10. The amendment, termination and expiration of this MOU will not affect the terms of activities ongoing at the time of notification of amendment, termination, and expiration unless otherwise agreed upon between the parties.

Jurisdiction

11. Any difference or disagreement or misunderstanding between the parties arising during the operation of this agreement shall be attempted to be settled by mutual discussions and clarifications. The Courts in Chennai shall have jurisdiction.

Contact Persons

12. Dr.S.Ramachandran, Concerned program Coordinator, of the University and Mr.T.A.B.Bharathi of IIMM shall be the contact persons who will be coordinating the implementation of this MOU during its validity.

Agreement subject to legal regulations.

13. This MOU shall have effect subject to compliance with all legal statutes and Regulations and Rules applicable to the activities envisaged under this MOU.

Indemnity

14. Both parties agree that they shall indemnify and keep indemnified the other for any default, negligence in their mutual obligations to the other or for any non-compliance with any statutory requirement whereby loss or damage is caused to the other.
15. Each party shall keep confidential any information that is received from the other party. The same shall not be shared in any public forum or third party.
16. The terms of co-operation may be extended beyond the terms mentioned in this MOU, based on discussion and mutual agreement between THE UNIVERSITY and IIMM.
17. Through this MOU, both THE UNIVERSITY and IIMM affirm their commitment to develop a mutually enriching relationship

18. Both THE UNIVERSITY and IIMM recognize that this MOU is not exclusive to either of the parties in that it does not preclude either party from having similar MOUs with other institutions.

19. Each party shall keep confidential any information that is received from the other party. The same shall not be shared in any public forum or third party.

20. The terms of co-operation may be extended beyond the terms mentioned in this MOU, based on discussion and mutual agreement between THE UNIVERSITY and IIMM.

Signed at Chennai on this date: 07.08.2017

For and on behalf of

AMET UNIVERSITY
KANATHUR
CHENNAI

Dr. P. Saravanan
Registrar

Witness

1

2

(Dr. S. Ramachandran)



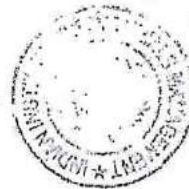
For and on behalf of

INDIAN INSTITUTE OF MATERIALS
MANAGEMENT (IIMM), 4th Floor,
Chateau D'Ampa, 110 (New # 37) Nelson
Manickam Road, Aminjikarai, Chennai -
600029

For INDIAN INSTITUTE OF MATERIALS MANAGEMENT

Chairman

Authorised Signatories



Certificate program on Logistics and Supply Chain

1 message

Chennai IIMM Admin <chn.iimm@gmail.com>
To: "Dr.Rengamani J" <rengamani.j@ametuniv.ac.in>

Tue, Jun 12, 2018 at 4:18 PM

Dear Dr. J
Rengamani,

Greetings from Indian Institute of Materials Management,
Chennai

Enhancing Career value is a Goal for every Professional, who aspires to become somebody in his own right. Continuous learning and Application of knowledge alone can take us through these steps and right association is the Key for success. Indian Institute of Materials Management, (IIMM) is the right professional body, which has been in the forefront of Professional Guidance, for all the seekers who aspire to achieve Professional enhancement.

IIMM, conducts various short term and Long term programs, tailor made to suit the needs of Industry professionals (and Students to take up career) in the field of Supply Chain Management. The courses are well crafted and designed to update knowledge with contemporary examples with practical orientation.

IIMM is internationally recognized and accredited with Professional bodies like International Federation of Purchasing and Supply Management (IFPSM, UK), International Trade Centre (ITC), Geneva (part of WTO, Geneva) and conduct courses in accordance with International practices.

To suit the professional need, IIMM has designed multiple Short duration certificate courses, which are run for short duration of 12 weeks (max of 30 hours programs.) One such program "Certificate program in Logistics & Supply Chain Management" spanning 12 weeks, is planned from May 19, 2018 (venue – IIMM Hall, Aminjikarai) (program details attached)

It is highly valuable and would request you to send management faculties and management students to participate for this course

The course fee will be 4000 (+ 18% GST total comes to R. 4720). The payment should be made by the way of NEFT or by Cheque / DD in favour of "Indian Institute of Materials Management or by cash. The NEFT details are available brochure attached

With Best Regards,


T.A.B.BARATHI
Director –
Education
IIMM Chennai
Vice President
- SCM, Wheels
India, Chennai

Course contents

This programme is structured to 12 weeks (all in Saturdays between 5.00pm to 8.00 pm) with 7 modules, a case study session and test

1. **Module - 1 Concepts** - Role of Logistics in economy & Organisation development, Key activities, Role of service providers, Information system, decision support tools

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Kanathur - 603 112, Chennai, India.

2. **Module - 2 Supply Chain - Over view** - Supply Chain relationships, Strategic Sourcing
3. **Module -3 Logistic Planning** - Coordinating logistics functions of an Organisation, Life cycle of a product including acquisition, distribution and internal allocation. Delivery and final disposal of resources
4. **Module - 4 Managing Distribution** - Distribution strategies / Channels / Planning, Warehousing equipment / Layout, Materials handling equipment, Role of IT in distribution
5. **Module - 5 Packaging** - Concepts of packaging, Standards and latest developments
6. **Module - 6 Global Logistics** - Logistics planning (Routing & Scheduling), inbound and outbound, freight forwarding, customs practices, shipping laws and marine insurance
7. **Module - 7 Global Logistics** - Organising efficient strate

2 attachments



Certificate Program LSCM -2018.pdf
93K



12 week Nomination Form - June 2018.pdf
3039K

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135, East Coast Road,
Kannathur - 603 112, Chennai, Ind



Dr.Rengamani J <rengamani.j@ametuniv.ac.in>

IIMM Chennai conducts "Certificate program in International Trade" spanning 12 weeks

1 message

limm Chn-EDU <limmchennai1@gmail.com>
Bcc: rengamani.j@ametuniv.ac.in

Fri, Sep 28, 2018 at 12:54 PM

Dear Professionals,

Greetings from Indian Institute of Materials Management, Chennai

Enhancing Career value is a Goal for every Professional, who aspires to become somebody in his own right. Continuous learning and Application of knowledge alone can take us through these steps and right association is the Key for success. Indian Institute of Materials Management, (IIMM) is the right professional body, which has been in the forefront of Professional Guidance, for all the seekers who aspire to achieve Professional enhancement.

IIMM, conducts various short term and Long term programs, tailor made to suit the needs of Industry professionals (and Students to take up career) in the field of Supply Chain Management. The courses are well crafted and designed to update knowledge with contemporary examples with practical orientation.

IIMM is internationally recognized and accredited with Professional bodies like International Federation of Purchasing and Supply Management (IFPSM, UK), International Trade Centre (ITC), Geneva (part of WTO, Geneva) and conduct courses in accordance with International practices.

To suit the professional need, IIMM has designed multiple Short duration certificate courses, which are run for short duration of 12 weeks (max of 30 hours programs.) One such program "Certificate program in International Trade" spanning 12 weeks, is planned from September 28, 2018 (venue – IIMM Hall, Aminjikarai) (program details attached)

It is highly valuable and would request to you to send nominations for this course and request to disseminate to your colleagues

The course fees will be Rs.5,500/- (+ 18% GST total comes to Rs.6,490/-). The payment should be made by way of NEFT or by cheque / DD in favour of Indian Institute of Materials Management or by cash. The NEFT details are available in the brochure attached.

With Best Regards,

T.A.B.BARATHI

Director – Education, IIMM Chennai
Vice President - SCM, Wheels India Ltd

Encl: -


1. Brochure
2. Nomination form
3. Program schedule & the faculties

Course contents

This programme is structured to 12 weeks with 9 Modules, a Case study session and Test.

1. **Module.1- Foreign Trade** - Reforms for growth of foreign trade, Export Organisations, International marketing-concepts & practices, Role of RBI and EXIM banks, WTO-GATT.
2. **Module.2- Risk Management** - Role of ECGC, FEMA, INCO Terms, UCPDC and Export Finance.

<https://mail.google.com/mail/u/0?ik=c1beaa01ad&view=pt&search=all&permthid=thread-f%3A1612835169043476209&siml=msg-f%3A1612835169043476209>





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3. **Module.3- Global Logistics** - Organising efficient strategies, Methods of evolution, Third party alliance, E-business, Strategic Issues-integration versus multi-national companies.
4. **Module.4- Exim Commercial** - Mode of payment – L.C, Foreign Exchange market-nature & functions, Forward Cover, Options and Arbitrations, Currency crisis and lessons,
5. **Module.5- Customs Laws and Procedures** - Valuation of goods at customs, Customs Duties, Clearance & Transit, Coastal Goods & Coastal Vessels.
6. **Module.6- Shipping Laws and Marine Insurance** - Overview of shipping laws, Overview of marine Insurance Policies, Dispute settlement mechanism.
7. **Module.7- Inland Transport Management** - Multimodal transportation, Containerisation and Palletisation, Refrigerated and Deck cargoes, CFS and ICD – setting up, Infrastructure & operational system.
8. **Module.8- Export Policy - Export Promotion** – Institutional framework for export promotion, Export processing & Special Economic zones - EPZ, SEZ
9. **Module.9 – Export Documentation - Export contract**-Steps in export procedure, Methods of exporting, Export Licensing – Registration formalities, Shipping bill, Bill of Lading, Bill of Entry, Negotiation of documents.
10. **Case Study**

IIMM, Chennai

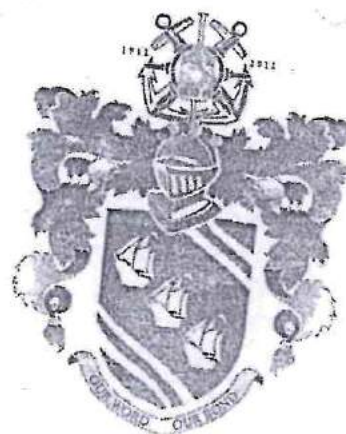
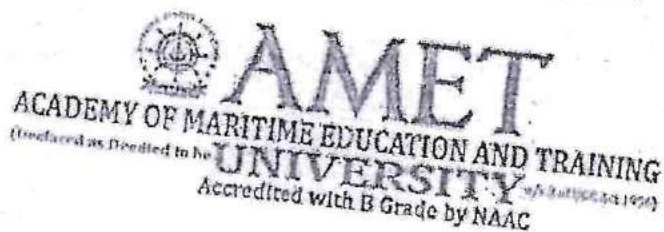
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3 attachments

-  **Nomination Form - 2018 final.pdf**
163K
-  **Certificate Program International Trade - 24-09-2018.pdf**
2959K
-  **Intl.Trade session plan (2).pdf**
42K


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135, East Coast Road,
Kanathur - 603 112, Chennai, India.

3



Memorandum of Understanding
between
The Institute of Chartered Shipbrokers (ICS)
and
The Academy of Maritime Education and Training (AMET)
University

Introduction

The Academy of Maritime Education and Training (AMET) deemed to be University, Chennai, India and the Institute of Chartered Shipbrokers, London, United Kingdom are committed to the MoU by developing the cooperation between the two organisations, and ensure that recent developments and growth within both organisations can be further promoted.

About the Institute of Chartered Shipbrokers, United Kingdom

The Institute was founded in 1911 when shipbrokers had, for generations, been the intermediaries for finding ships for cargoes; cargoes for ships or attending ships in port.

In 1920, it was decided that a standard for professional education and qualifications amongst practicing shipbrokers was required and as the Institute set standards which were able to satisfy His Majesty's Privy Council a Royal Charter was granted. The qualifications and subjects are given in Appendix 2.

In 1984, a supplementary Royal Charter was granted and membership of the Institute was opened to citizens of any country in the world. The Institute now offers three levels of qualification which cover the full spectrum of shipping commercial activity.

MoU between ICS and AMET

Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

Membership of the ICS may be granted to those who successfully complete Professional Qualifying Examinations consisting of seven subject papers. The Members and Fellows of the Institute occupy executive positions in the maritime industry with very high professional standards

Membership of the Institute is internationally recognized as a mark of professionalism in the shipping business worldwide. Only Fellows of the Institute may receive 'Chartered Shipbroker' status. There are over 4000 Members / Fellows throughout the world with Institute branches established in Australia and New Zealand, Bulgaria, Canada, Cyprus, Denmark, East Africa, Germany, Greece, Hong Kong, India, Ireland, Pakistan, Singapore, South Africa, Sri Lanka, West Africa and the Middle East, as well as eight branches in the United Kingdom.

About the Academy of Maritime Education and Training

The Academy of Maritime Education and Training (AMET) is India's first Marine University for maritime related training, education and research.

The Academy of Maritime Education and Training was established as a private maritime academy by Dr.J.Ramachandran with an enrolment of just 14 cadets during 1993 and subsequently declared under section 3 of UGC act 1056 as a deemed to be University by the Ministry of Human Resources and Development, Government of India during 2007.

AMET is India's First University in Maritime Education and the only maritime University in the country being recognized by the MHRD/UGC. Since then, the University is catering the needs and dissemination of knowledge in the field of marine and maritime studies.

Being recognized by UGC and DGS for offering various Diploma, UG, PG, research and professional training courses, AMET University with its truly international standards and unparalleled quality in education, received many national and international recognitions and awards.

AMET University is a model Institution for maritime education in India, which has qualified India to produce cadets and officers for global shipping industry.

Purpose of this Memorandum of Understanding

The Institute of Chartered Shipbrokers, (hereinafter called ICS) and the Academy of Maritime Education and Training (hereinafter called AMET), recognising the benefits to their respective organisations from the establishment of an international link, agree this Memorandum of Understanding (MOU).

1. Purpose

The purpose of this MOU is to develop academic and educational co-operation and to promote mutual understanding between the two Institutions.

Both ICS and AMET agree to develop the following collaborative activities in the academic areas of mutual interest, on a basis of equality and reciprocity:

- Exchange of Faculty
- Exchange of graduate students
- Conducting lectures and organizing symposia
- Exchange of academic information
- Promoting collaboration in fields of mutual interest
- Promoting other academic Co-operation as mutually agreed.

2. Scope

The development and implementation of specific activities based on this MoU will be separately negotiated and agreed between Faculties, Schools or Institutes of both ICS and AMET. Both Institutions agree to carry out these activities in accordance with the laws and regulations of the respective Head Quarters after full consultation and approval.

Both parties undertake to promote and develop educational collaborations which include but are not limited to the following;

- Exchange of education, training and professional knowledge
- Conducting lectures and organising symposia
- Exchange of academic information
- Promoting collaboration in fields of mutual interest
- Promoting other educational co-operation as mutually agreed
- Appropriate exemptions offered to eligible AMET students
- Visiting lecturers

The development and implementation of specific activities based on this MOU will be separately negotiated and agreed between both the ICS and AMET. Both organisations agree to carry out these activities in accordance with the laws and regulations of the respective organisations after full consultation and approval.

3. Financial support

It is understood that the implementation of any of the types of co-operation stated shall depend upon the availability of resources and financial support for the ICS and AMET concerned. A detailed description of each specific project, including financial arrangements, will be developed

MoU between ICS and AMET


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mutually for each specific case that will be subject to the review and approval processes of both organisations.

4. Access to publications

Whilst the ICS is unable to offer books and publications to students of AMET at a lower price than to its own ICS students, it is agreed that any books listed by AMET as required reading for students will be provided, at a subsidised rate, by the ICS to all AMET libraries.

5. Support for AMET degree/ post graduate courses

The ICS will support the educational ambitions of the AMET by developing, together with the AMET, a series of courses to be delivered at AMET University. This will range from;

- Combining the ICS curriculum with the relevant degree courses at AMET to provide degree students with an opportunity to gain their Foundation Diploma, as part of their degree qualification. See appendix 1 for the program of study related to Foundation Diplomas.
- The addition of a commercial maritime track within the post graduate courses of AMET would be a great opportunity for the Indian based maritime sector and fill a strong need for highly trained maritime employees for the local and global industry. See appendix 2 for the program of study related to a maritime business post graduate degree.

6. Intellectual property liability

Should the collaborative activities under this MOU result in any potential for intellectual property, both organisations shall seek an equitable and fair understanding as to ownership and other property interests that may arise.

7. Publicity

The parties will ensure that all public statements including statements to the media or articles relating to the collaboration are cleared and consented by both prior to release or publication.

8. Duration

This MoU will be effective upon signature by both parties. This MOU will be in force for five years and may be revised and/or renewed upon mutual consent. Either party may terminate this MoU by giving a six-month prior written notice to the other party. Such termination shall not affect the validity and continuity of any incompletely discharged obligation agreed upon by the two parties before termination.

9. Representation

Both parties agree to designate the following persons as the local representatives for the coordination of the collaboration:

For and on behalf of

Academy of Maritime Education and Training



Name: Dr. G. THIRUVASAGAYAM

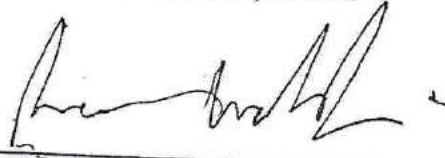
Position Vice-Chancellor

AMET University

Date: 19.04.2016

For and on behalf of

Institute of Chartered Shipbrokers



Name: SEAN WALSH

Position Deputy Director

Institute of Chartered Shipbrokers

Date: 19.04.2016

MoU between ICS and AMET


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Appendix 1

Foundation Diploma programme offered by ICS

Foundation Diploma

The Foundation Diploma is ideal for people with little commercial experience but who would like to gain practical knowledge and a sound qualification. It involves taking the Introduction to Shipping paper plus one other subject from the list of specialist examination within the ICS syllabus.

The Foundation Diploma is a standalone qualification in its own right, but because it can count towards your membership examinations it's also a great way to ease into study and gives you an overall view of the shipping sector/ industry..

The Foundation Diplomas offered through this cooperation would be taught through AMET, and examined by the Institute through the usual examination procedure (exams held in November and April/ May each year). All students would undertake the Introduction to Shipping subject with **one** of the following specialisms.

Specialisms offered in India (proposal)

- Ship Operations & Management
- Port Agency
- Logistics & Multi-modal Transport
- Port & Terminal Management
- Dry Cargo Chartering
- Tanker Chartering

Appendix 2

Professional Qualification programme offered by ICS

Professional Qualifying Examinations (PQE)

The Professional Qualifying Examinations (PQE) form the pinnacle of the ICS qualification. Completion of these exams is an illustration of one's developed knowledge and understanding of the commercial shipping industry. It is formed through the successful completion of seven exams which students have up to five years to complete.

ICS Syllabus

The ICS syllabus for its Professional Qualifying Examinations (PQE) is designed to examine students on a wide range of commercial shipping activity.

Compulsory Papers

These papers are compulsory because they represent the fundamental underpinnings of all activity within the commercial shipping industry. Shipping Business must be taken within your first year of study:

- Introduction to Shipping
- Legal Principles in Shipping Business
- Economics of Sea Transport & International Trade
- Shipping Business

Specialism Papers

Specialism papers cover a wide range of practical shipping disciplines in considerable detail:

- Dry Cargo Chartering
- Ship Operations & Management
- Ship Sale & Purchase
- Tanker Chartering
- Liner Trades
- Port Agency
- Logistics & Multi-modal Transport
- Port & Terminal Management
- Offshore Support Industry
- Shipping Law
- Marine Insurance
- Shipping Finance



The Institute Of Chartered Shipbrokers

East India Branch

CERTIFICATE OF PARTICIPATION

This is to certify that

Ramamoorthy S.

has attended the Panel discussions on 'Blue Economy and Challenges to Overcome' and 'Recent changes of Private International Law in Context of Maritime Law' on Saturday 14th December 2019, held at Hotel GRT Convention Centre Chennai, as part of 24th Annual Day Celebrations.

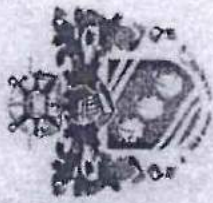


John Prasad Menezes, FICS

Hon Secretary



Ravee S. Tittel, FICS



The Institute Of Chartered Shipbrokers

East India Branch

CERTIFICATE OF PARTICIPATION

This is to certify that

Hema Sai Krishna S.

has attended the Panel discussions on 'Blue Economy and Challenges to Overcome' and 'Recent changes of Private International Law in Context of Maritime Law' on Saturday 14th December 2019, held at Hotel GRT Convention Centre Chennai, as part of 24th Annual Day Celebrations.



John Prasad Menezes, FICS

Hon. Secretary



Ravee S. Tittey, FICS

Chairman



THE INSTITUTE OF CHARTERED SHIPBROKERS
MADRAS BRANCH

Indian Chamber Building, 11nd Floor, #6, Esplanade, Chennai - 600 108, INDIA.
Tel : +91 44 2535 7367
E-mail : office@icsmadras.org Website : www.icschennai.org



2nd January 2020

To

Mr. N.Srinivasan.
Dean - AMET Business School.
AMET Deemed to be University
135, East Coast Road, Kanathur
Chennai 603 112.

Sub : Certificate of Participation

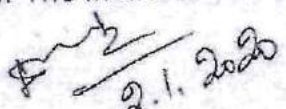
Dear sir,

We here with send the Certificate of Participation (25 Nos) for the students those who attended our ICS Panel discussion on 14th December 2019 at Hotel GRT Convention Centre, Chennai.

Please acknowledge the receipt.

Yours faithfully,

For The Institute of Chartered Shipbrokers,


(S.Purushothaman)
Executive Officer.




Registered

ACADEMY OF MARITIME EDUCATION AND TRAINING
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2. 10/19/12

17

University Sponsorship – Memorandum of Understanding

Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

Memorandum of Understanding


Between

QuestionPro Inc.

And

*Academy of Maritime
Education and Training*

This Memorandum of Understanding (MOU) sets for the terms and understanding between QuestionPro Inc. and the ACADEMY OF MARITIME EDUCATION AND TRAINING in reference to the Academic Sponsorship QuestionPro is offering to ACADEMY OF MARITIME EDUCATION AND TRAINING.


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Registrar i/c

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135, East Coast Road,
Kanathur - 603 112, Chennai, India.

About QuestionPro

With over 2.5 million users across 100 countries, QuestionPro is a leading provider of online survey software that allows users to generate the insights they need to make better business decisions. Our software includes not only tools for creation, distribution, and analysis of surveys, but also provides a platform for polling, tablet-based mobile research, and data visualization. We have provided reliable and innovative technology to Fortune 100 companies, academic institutions, small businesses, and individual DIY researchers for over 12 years.

The central service is an application that offers unique survey creation, distribution over multiple channels, and a comprehensive suite for analyzing your survey results. Included with the software is the QuestionPro App, a dynamic survey app which offers offline data collection. In addition, QuestionPro Sample offers you access to pre-qualified respondents for your surveys. This document details agreements with respect to QuestionPro, the QuestionPro App, and QuestionPro Sample. All agreements are governed by the Terms of Use and Privacy Policy posted at QuestionPro.com.

About ACADEMY OF MARITIME EDUCATION AND TRAINING

Welcome to Academy of Maritime Education and Training (AMET)

India's first Marine University for maritime-related education, training and research.

Overlooking the deep blue sea cradled by the Bay of Bengal and tucked in the scenic drive way of east coast road is AMET University which is India's first maritime University, the one and only university from India to be a member of the International Association of Maritime Universities. With quality, commitment, knowledge and excellence as its corner stones, AMET had a humble beginning in the year 1993 with just 14 cadets molded for a career in merchant navy through a higher national diploma programme in marine engineering.

AMET's uncompromising strides of excellence in the field of maritime education and training laced with its capacity to feed the global shipping industry with an unrivalled maritime human resource secured it the status of becoming the first university in India for maritime education, training, research and development activities on the 21st August 2007. AMET had the privilege and unprecedented status of getting unveiled as a Maritime University from the hands of the secretary general of the International Maritime Organization, Mr. Efthimios E Mitropoulos.

Proposal Overview

QuestionPro is offering University wide license to students, faculty members and staff of ACADEMY OF MARITIME EDUCATION AND TRAINING covering the departments mentioned in Annexure I (source - <http://www.ametuniv.ac.in/>). The University wide license will have all the features that come along with our standard corporate annual License. Each and every account will have all the corporate features along with full access to our technical support team. QuestionPro will also be offering every student, faculty member and staff access to QuestionPro App. (iOS &/or Android application for offline field surveys). As per the understanding of both the parties, following points have been agreed upon:

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ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanchipuram - 603 112, Chennai, India.

- QuestionPro will set up an academic license for ACADEMY OF MARITIME EDUCATION AND TRAINING covering all faculty and students including research scholars of its different departments (names listed in Annexure I)
- Under academic license, every member (faculty, students & research scholars) will have access to individual QuestionPro account and will be entitled to all the features of standard corporate license
- Features of the license - <http://www.QuestionPro.com/features>
- QuestionPro will activate the license upon receipt of the signed copy of this MOU from ACADEMY OF MARITIME EDUCATION AND TRAINING. Once the license is activated, ACADEMY OF MARITIME EDUCATION AND TRAINING can then share the details viz. First Name, Last Name & Email address of all members (students, faculty members & research scholars) in order to have the accounts created on QuestionPro
- QuestionPro will have separate domains / sign up portals set up for U.G. Courses, P.G. Courses, Diploma Courses, Part-time Courses, Research for the ease of managing accounts department wise. User accounts will then be created department wise upon receipt of user details from the University. Also, any new member joining in, can have his/her account created simply by entering details on the sign up portal. QuestionPro will share the link to sign up portals with university authority & the authority in turn can share it with the new members willing to join in
- Privacy statement: <http://www.questionpro.com/help/1.html>
- Terms of use: <http://www.questionpro.com/help/2.html>
- The License will have a minimum of 25 users associated (accounts created) for its activation from all departments. There will be no upper limit on the number of users and the license can have unlimited number of users associated
- University will not pay any financial/administrative charges at present and in the future (up to the duration of this contract) for this facility
- This license being sponsored by QuestionPro to the University, no cost will be borne by under signed person/authority of ACADEMY OF MARITIME EDUCATION AND TRAINING
- If QuestionPro comes across any misuse of the portal by any user, then the concerned user can be discontinued by QuestionPro after intimating the University with valid reason
- Cost details of these licenses are as mentioned in the section "Cost Details" below

Duration

- The academic licenses that will be set up, will be yearly licenses and will be active for 365 days
- QuestionPro will renew the license under this sponsorship in the subsequent year provided the license has 25 associated new users signing up. The renewal under sponsorship would be done up to 3 years
- Post sponsorship i.e. after 3 years, it would be up to University's discretion whether to continue with QuestionPro services or not. If the university decides to procure QuestionPro's services, a fresh quotation will be shared with the university and separate document will have to be signed

Cost Details

Engagement Summary

Service	Total
QuestionPro Academic License	5,50,000/-
Discounts	5,50,000/-
Total	0/-

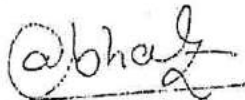
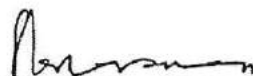
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1. Signing the agreement and mailing it to edu@questionpro.com

The foregoing is agreed to by:

QuestionPro Inc

ACADEMY OF MARITIME EDUCATION
AND TRAINING

(signature)

(signature)

Aditya Bhat

SARAVANAN P

(QuestionPro representative - Name)

(ACADEMY OF MARITIME EDUCATION AND TRAINING
representative - Name)

Vice President - Sales

(Designation)

(Designation / Stamp)

Registrar

19th Sept 2016

(date)

19th Sep 2016

(date)

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
#135, East Coast Road,
Kanathur - 603 112, Chennai, INDIA

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Annexure – I

List of departments under ACADEMY OF MARITIME EDUCATION AND TRAINING (Source - <http://www.ametuniv.ac.in/>)

1. Department of U.G. Course
2. Department of P.G. Course
3. Department of Diploma Course
4. Department of Part Time Course
5. Research

Please note: Any additional/new department coming up under ACADEMY OF MARITIME EDUCATION AND TRAINING will also be eligible for access to this license. The university authority shall intimate QuestionPro on this (via. Email) & QuestionPro shall provide the required access

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AMET

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

Office of the Controller of Examinations

15/09/2016

Dr.K.Duraipandian
Controller of Examinations

To

Sir/Madam

Sir/Madam,

Greetings from AMET University!

I wish to inform you that you are appointed as Question Setter for the following papers of the End Semester Examination November 2016.

S.No	Semester	Subject Code	Subject Title	No.of Sets
1	III	UBBS307	Retail Management	2

You are requested to send the Question Paper with key in typed format in sealed envelope enclosed herewith on or before 22.09.2016 along with the Claim. The Remuneration for Question Paper with Answer Key is Rs.2000/-(Rs.1000+ Rs.1000 Per Set).

Please find enclosed the Syllabus and Question Paper Pattern to be followed for question paper setting.

I solicit your kind cooperation in this regards and request you to maintain confidentiality.

Regards

K. Duraipandian

Controller of Examinations

- Encl: 1. Syllabus
2. Pattern of Question Paper
3. Envelope
4. Form of Acceptance
5. Claim Form

[Signature]
Registrar/c

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NAPC



தமிழ்நாடு தமில்நாடு TAMIL NADU



20/09/12

Amet University

Handwritten signature

45AB 223773

N. JAMES EBENEZER
STAMP VENDOR
(S.V.L. No: 12144/B1/96)
New No. 3/142, EAST COAST ROAD,
NEELANGARAI, CHENNAI-600 116.
CELL No: 9382222944

MEMORANDUM OF UNDERSTANDING

THIS Memorandum of Understanding ("Agreement") is made as of 4.10.2017 ("Effective Date") by and between

uLektz

uLektz Learning Solutions Private Limited

No. 100, Lake View Estate,

Kundrathur Main Road, Porur,

Chennai - 600 116, India (hereinafter referred to as 'uLektz')

Handwritten signature
Registrar/IC

AND



Academy of Maritime Education and Training (AMET)
Deemed to be university u/s 3 of UGC act 1956

135, East Coast Road, Kanathur - 603112, India.

Tel : 32577030 / 32577002 , Fax : 91 - 44 - 27472804 / 2747 2904

Email: office@ametuniv.ac.in

(hereinafter referred to as 'AMET')

WHEREAS uLektz is an EdTech company offering technological solutions and services to higher educational institutions, skill institutions and publishers to help higher education students to improve academic performance, equip them industry required skills and connect them with industry for better job opportunities;

WHEREAS Academy of Maritime Education (AMET), is an educational institute in India dedicated for maritime education and training. AMET is situated on the outskirts of the city of Chennai. It is an autonomous engineering and technology oriented institute of higher education in India.

NOW THEREFORE THIS AGREEMENT WITNESSES that in consideration of the mutual covenants and agreements contained in this Agreement, uLektz and AMET (also referred to herein as "Party" in the singular and "Parties" in the plural) desire to define the terms and conditions as follows:

1. PURPOSE & SCOPE

uLektz shall develop a co-branded Android mobile app for AMET and publish it on Google Play Store. This uLektz and AMET co-branded app will use uLektz platform as its backend system offering the resources and services of both uLektz and AMET. Using this co-branded Android mobile app, AMET will be able to:

Registrar

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135, East Coast Road,
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- i) promote its programmes or courses
- ii) distribute and/or sell its course materials
- iii) manage programmes / courses as different classes
- iv) manage its users - students, and send notifications to its students through app.

2. CONFIDENTIALITY

From time to time during the Term, either Party (as the "Disclosing Party") may disclose or make available to the other Party (as the "Receiving Party") information about its business affairs and services, confidential information and materials comprising or relating to Intellectual Property, trade secrets, third-party confidential information and other sensitive or proprietary information, as well as the terms of this Agreement, whether orally or in written, electronic or other form or media, and, whether or not marked, designated or otherwise identified as "confidential" (collectively, "Confidential Information").

Confidential Information shall not include information or data which:

- i) is in or comes into the public domain or generally available to the public in any way without breach of this Agreement by the Receiving Party; or
- ii) the Receiving Party can show that such information or data was in its or its Representatives possession or within its knowledge or its Representatives' knowledge by being in its use or being recorded in its files or computers or other recording media prior to receipt from the Disclosing Party and was not previously acquired by the Receiving Party from the Disclosing Party under an obligation of confidence; or
- iii) the Receiving Party obtains from a source other than the Disclosing Party without breach by the Receiving Party or to the best knowledge of the Receiving Party, such source or any obligation of confidentiality or non—use towards the Disclosing Party; or
- iv) is disclosed by the Receiving Party (a) with the prior written approval of the Disclosing Party, or (b) without such approval, after a period of one year from the date of expiry of the validity of the Agreement.

3. INTELLECTUAL PROPERTY RIGHTS

- i) AMET will exclusively own all rights, title and interest in and to the digital content uploaded by AMET in uLektz Platform.
- ii) AMET is the owner of its brand name and logo, and AMET authorizes uLektz to use its brand name and logo to create a co-branded mobile app and publish it on Google Play Store on AMET behalf.
- iii) uLektz will exclusively own all rights, title and interest in and to the digital content uploaded by uLektz, and the co-branded app created for AMET.
- iv) Both the parties should not intent to transfer any intellectual property rights whatsoever with respect to any information that is proprietary.
- v) uLektz or any of its affiliate organisations does not have any rights or intellectual property rights over the materials, information or inventions of AMET. Similarly AMET or any of its affiliate organisations does not have any rights intellectual rights the materials, information or inventions of uLektz.

4. TERMS AND TERMINATION

- i) Term. This Agreement shall commence on the Effective Date and will continue for a term of one (1) year, and renew for additional terms of one (1) year unless either party gives written notice to the other party of non-renewal at least thirty (30) days prior to the end of the then-current term (the "Term").
- ii) Termination. A party may terminate this Agreement upon thirty (30) days written notice for a material breach by the other party unless the breach is cured within such notice period. In addition, a party may immediately terminate this Agreement upon written notice of the other party becomes insolvent or is generally unable to pay its debts as they become due; files or has filed against it, a petition for voluntary or involuntary bankruptcy or otherwise becomes subject, voluntarily or involuntarily, to any proceeding under any domestic or foreign bankruptcy or insolvency law; makes or seeks to make a general assignment for the benefit of its creditors; is dissolved or liquidated; or is unable to perform its obligations under this Agreement due to the occurrence of a force majeure event that lasts for more than thirty (30) days.

iii) **Effect of termination.** Upon expiration or termination of this Agreement: (a) each Party shall return to the other Party all property of the other Party in its possession or control (including all Promotional Materials and all Confidential Information); and (b) all rights granted by one party to the other party hereunder will immediately cease.

iv) **Rights & Obligations:** On expiry or early termination of this Agreement, uLektz shall un-list and/or remove the co-branded app created for AMET app from Google Play Store upon receiving AMET written request.


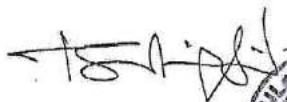

6. GOVERNING LAW

This Agreement shall be governed by and construed and interpreted in accordance with the laws of India and shall be subject to the exclusive jurisdiction of the Civil Courts in Chennai.

7. DISPUTE RESOLUTION

All disputes, differences or questions arising out of this Agreement including the interpretation of the terms herein or in regard to the obligations, failure or breach or any terms thereof by any of the parties under this Agreement or any matter whatsoever arising under this Agreement which have not been mutually settled shall be referred to arbitration under the provisions of the Arbitration and Conciliation Act, 1996. The place of arbitration shall be Chennai. The provisions of this Clause shall survive the termination of this Agreement. Arbitrator/Arbitrators shall be appointed by both the parties after mutual consultation.

IN WITNESS WHEREOF both the Parties through their duly authorised representatives signed this Agreement on the day, date, month and year first herein above mentioned.

For and on behalf of Academy of Maritime Education and Training (AMET)	For and on behalf of uLektz Learning Solutions Private Limited (uLektz)
 Dr. P. Saravanan Registrar Email: registrar@ametuniv.ac.in Mobile: 9444893379	 Dr. M.S. Mohammed Saifi Sr. Vice President & Co-founder Email: sadq@ulektz.com Mobile: 919840721288 



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SIGN UP



Academy of Maritime Education and Training (AMET)
University

Kanathur, Chennai, Tamil Nadu 603112

04427472905

<http://www.ametuniv.ac.in/>

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135, East Coast Road,
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28

**COLLABORATIVE AGREEMENT
(MEMORANDUM OF
UNDERSTANDING)**

Between

**AMET UNIVERSITY, CHANNAI
(AMET)**

And

**UNIVERSITY OF STRATHCLYDE
GLASGOW
(STRATHCLYDE)**


Registrar I/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

This Collaborative Agreement (Memorandum of Understanding) (hereinafter referred to as "MoU") is made and entered into on this 1st day of March 2009;

BETWEEN

AMET UNIVERSITY, an institution of higher learning established and registered in India under the Section 3 of UGC Act 1956 and having its Chancellery address at 135 East Coast Road, Kanathur - 603 112 (hereinafter referred to as "AMET") of the one part;

AND


THE UNIVERSITY OF STRATHCLYDE, a university in Glasgow having its address at 16 Richmond Street, Glasgow G1 1XQ, Scotland, United Kingdom (hereinafter referred to as "Strathclyde").

AMET and Strathclyde shall be collectively referred to as the "Parties" and individually as the "Party".

Formerly known as **ACADEMY OF MARITIME EDUCATION AND TRAINING**, AMET was launched on 15th February 1993. Having started with only 14 students, AMET maintained its continuous growth during the last 14 years to have strength of 1500 students on date undergoing various Diploma, Degree & Post Graduate Degree Courses. In providing Quality Assurance, AMET has obtained Certification to ISO 9001: 2000 Standards from Det Norske Veritas, Norway.

PREAMBLE:-

- A. Formerly known as Academy Of Maritime Education And Training, AMET was conferred Deemed University status by UGC/MHRD on the 21st August 2007 on the strength of its Maritime courses & Training and has thus become India's first and the only University dedicated to Maritime Education.
- B. Strathclyde is a self-governing autonomous UK University, instituted in 1964, with origins dating back to 1796. Strathclyde University is committed to delivering excellence in research, education and knowledge exchange with emphasis on science, engineering, business and the professions.
- C. The purpose of this MoU is to set out the basis for co-operation between the Parties with a view to enhancing academic and cultural links with each other through the provision of undergraduate and postgraduate programmes, professional training, joint research and other academic services.
- D. The Parties assure each other that their co-operation is based upon mutual trust and fair performance to achieve a sustainable relationship.


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

OBJECTIVES:-

The Parties agreed that the Objectives of this MoU are as follows:-

- (a) to encourage co-operation between the Parties in any academic area that will benefit the Parties; and
- (b) AMET and Strathclyde agree to establish an arrangement whereby students from AMET may be admitted to degree programmes at Strathclyde using credits obtained for their studies at AMET under the following conditions:

1 CREDIT AND COURSE OF STUDY

- 1.1 The credit standing that may be awarded to suitably qualified AMET applicants applying for Strathclyde programmes is set out in Schedule A.
- 1.2 Schedule A may be amended to incorporate further programmes of collaboration between AMET and Strathclyde.
- 1.3 Strathclyde reserves the right to review and amend the level of credit standing awarded at any time during the period of this MoU.
- 1.4 AMET will be given six months advance notice of any changes in the amount of credit to be awarded.

2 SELECTION OF STUDENTS

- 2.1 AMET students, who have completed a course of study (as defined in Schedule A), will be required to meet minimum entry standards as set out in Schedule A in order to be considered for admission into Strathclyde degree programmes. Strathclyde reserves the right to review the course entry standards. Any changes will be immediately communicated to AMET.
- 2.2 AMET shall provide Strathclyde with statements of the academic results of applicants and any other appropriate formal or informal reports on their performance.
- 2.3 AMET students will be required to satisfy the University's English language proficiency requirements. Currently, these entry requirements are IELTS 6.5 or TOEFL 600 (250 Computer-based test, 100 Internet test).
- 2.4 Strathclyde reserves the right to accept or refuse the admission of applicants.

3 COURSE OF STUDY

- 3.1 AMET undertakes to advise Strathclyde of any proposed changes in curriculum to the courses set out in Schedule A.

4 FEES AND SERVICES

- 4.1 Students commencing their degree programmes at Strathclyde will pay fees directly to Strathclyde in accordance with Strathclyde's International Student Regulations and Tuition Fee Policy and fee schedule for the year of admission to the course.

5 PROMOTION

- 5.1 AMET will be entitled to use Strathclyde's logo and related promotional material in its marketing activities. All promotional material and any subsequent revisions must be submitted to the Strathclyde's International and Graduate Office for approval prior to being used by AMET.

6 GENERAL

- 6.1 This MoU shall continue for three (3) years subject to annual review. Any revision or modification shall be in writing and by mutual agreement.
- 6.2 Either institution may, by written notice of six (6) months, give notice to the other of its intention to terminate this agreement.
- 6.3 If this MoU is terminated as set out in Clause 6.2, it is agreed by the parties that any students who, at the date of termination, have been accepted into the programme and have commenced studies may complete that programme of study under the terms of this memorandum.
- 6.4 Notwithstanding the terms of this MoU, a student's progress and completion of a degree programme is subject to the regulations in force at the University of Strathclyde.
- 6.5 This MoU is subject to the standard Terms and Conditions of the University of Strathclyde appended to the end of this MoU.
- 6.6 Any correspondence to be given hereunder by either Party to the other may be sent by facsimile transmission or by first class recorded delivery paid post addressed to the address of the other Party as follows:-

AMET :

Vice Chancellor
AMET University
135 East Coast Road
Kanathur
Chennai – 603 112
INDIA.

Tel No. +(91) 44 2747 2155
Fax No. +(91) 44 2747 2804

Attn: Captain S. Bhardwaj
Email: capt.s.bhardwaj@gmail.com


Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

Strathclyde :

Principal

The University of Strathclyde

16 Richmond Street, Glasgow G1 1XQ. Scotland, United Kingdom

Tel No. +44 (0)141 552 4400

Fax No. +44 (0)141 552 0775

Attn: Professor Jim McDonald

Email: principal@strath.ac.uk

- 6.7 The Parties hereby agree that this MoU is not meant to be conclusive or exhaustive and not legally binding upon either of the Parties hereto. Instead this MoU outlines the general understanding and the framework for mutual cooperation between the Parties. Where any cooperative activities give rise to a legally binding relationship between the Parties, a separate legally binding agreement shall be entered into for those cooperative activities. No undertaking of a Party shall be considered as a legally binding unless such agreement is entered into and neither Party shall have a claim against the other Party by virtue of this MoU.
- 6.8 Any difference or dispute arising of the implementation or interpretation of this MoU shall be settled amicably by consultation or negotiation between the Parties without reference to any third parties or international tribunal.


.....
The remainder of this page is intentionally left blank

IN WITNESS WHEREOF, the Parties have caused this MoU to be executed by their duly authorized representatives as of the date written above.

Signed by

for and on behalf of

AMET UNIVERSITY




CAPTAIN S. BHARDWAJ

Vice Chancellor, AMET University

Signed by

for and on behalf of

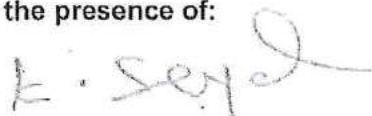
THE UNIVERSITY OF STRATHCLYDE



PROFESSOR JIM MCDONALD

Principal, University of Strathclyde

In the presence of:



K. SEYAGU
REGISTRAR

AMET UNIVERSITY
(Under Sec. 3 of UGC Act 1956)
135, East Coast Road,
Kanathur-603 112, Chennai, India.

In the presence of:



Mary Bennett

SCHEDULE A

TRANSFER CONDITIONS FOR ADMISSION TO DEGREE COURSES IN THE DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING, UNIVERSITIES OF GLASGOW AND STRATHCLYDE

Transfer from AMET University to degree programmes offered by the Department of Naval Architecture and Marine Engineering (NAME), Universities of Glasgow and Strathclyde would be on the following basis:

AMET Programme:

Bachelor of Engineering (BE) in Naval Architecture and Offshore Engineering

Minimum Entry Requirements: Completed 1st four semesters of the programme and achieved an overall average of 65%.

Department of Naval Architecture and Marine Engineering (NAME), Universities of Glasgow and Strathclyde programmes:

BEng (Hons) in Naval Architecture with Ocean Engineering (BEng NAOcE)

BEng (Hons) in Naval Architecture with Small Craft Engineering (BEng NASCE)

BEng (Hons) in Naval Architecture and Marine Engineering (BEng NAME)

Maximum Credit Standing Allowed: Equivalent of years 1 and 2 at NAME.

Study to complete the BEng (Hons) Programme: Years 3 and 4

Time needed to complete programme: 2 calendar years (4 semesters)

Start date: Late September only

Conditions:

A NAME academic staff member is to be appointed the external examiner to the AMET BE in NA&OE course to moderate the examination papers and marking of years 1 and 2.

Optional:

1. Students may be invited to transfer to the MEng Programme provided they satisfy the MEng Standard of Performance.

University of Strathclyde

Collaborative Agreements Leading to Awards or Joint Awards of the University Standard Terms and Conditions for Collaborative Agreements

Applicability and Definitions

These standard terms and conditions shall apply to arrangements for service support for off-campus learning, course validation, articulated courses, twinned courses and joint courses (including joint supervision of PhD students) where the University of Strathclyde is the administering University.

In what follows:

"the agreement" is the formal written agreement to collaborate in course provision signed by the University of Strathclyde and the partner institution

"course" refers to the course or courses named in the agreement

"student(s)" refers to students on the course named in the agreement

"partner institution/university" refers to the partner institution/university or institutions/universities named in the agreement.

Duration of Agreement

1. Unless otherwise terminated in accordance with paragraph 9 below, the duration of the agreement will be as set down in the agreement. The agreement may be terminated voluntarily by mutual agreement of the University of Strathclyde and the partner institution provided that a minimum of one year's notice is given. Any decision to terminate the agreement will be subject to satisfactory arrangements being made for existing students to complete their course and be assessed for the award for which they registered. Such arrangements will be determined by agreement of the University of Strathclyde and the partner institution.

Use of the University Name

2. The name of the University of Strathclyde shall only be associated with the course. The name of the University of Strathclyde shall not be associated with the partner institution other than in connection with the course.
3. The University of Strathclyde shall approve all publications pertaining to the course prior to publication or issue.

Intellectual Property Rights

4. The University of Strathclyde and the partner institution shall respect the existing intellectual property rights of the other party as these pertain to the operation of the course. The University of Strathclyde retains all copyrights and other intellectual property rights with regard to the annual course report and external examiners reports.

Student Complaints and Discipline

5. Where appropriate the partner institution will deal with complaints by or about students, including allegations of harassment, in accordance with the rules of the partner institution. If a student remains dissatisfied after the partner institution has dealt with a complaint, the complaint may where appropriate be heard by the University of Strathclyde in accordance with its student complaints procedure.

6. Students will be subject to the discipline codes of both institutions. In the event of allegations being made against a student, the University of Strathclyde and the partner institution shall consult on the actions to be taken and the discipline code/procedures that shall apply.

Health and Safety

7. The University of Strathclyde adheres to current Health and Safety legislation pertaining to the United Kingdom. The University expects that the partner institution will endeavour to provide a safe environment for all students and staff and that these arrangements will be in accordance with (any) prevailing legislation.

Equal Opportunities, Racial Equality and Provision for Students with Disabilities

8. The University of Strathclyde adheres to current Equal Opportunities, Racial Equality and Disability Discrimination legislation pertaining to the United Kingdom. The University expects that the partner institution will endeavour to operate an environment of equal opportunity and racial equality for all students and staff including appropriate provision for students with disabilities and that these arrangements will be in accordance with (any) prevailing legislation.

Termination of the Agreement

9. The University of Strathclyde shall terminate this agreement for any significant breach of the agreement such as:
- If any of the annual course reports indicate a decline in the standard of the operation or delivery of the course by the partner institution which it feels cannot be sufficiently rectified by the partner institution in an appropriate timescale
 - If the details of the course as approved by the University of Strathclyde are deviated from to such an extent that the University would no longer wish to validate it
 - Deviation from these standard terms and conditions such as, but not exclusively, arrangements for health and safety, equal opportunities, race equality

Resolution of Disputes and Arbitration

10. In the event of dispute about matters covered by the agreement, the University of Strathclyde and the partner institution will use all reasonable endeavours to resolve the matter in dispute in the best interests of the parties and the participating students. In the event that a dispute remains unresolved, the parties shall submit the dispute to an arbiter approved by both parties whose decision shall be binding.

Severance Terms

11. In the event of any terms of the agreement being found to be invalid, the remainder of the terms shall remain in full force and effect.

Limitation of Liability

12. The University accepts no liability for those parts of the course delivered by partner institutions should these fail to be delivered in their entirety and/or as set down in the Course Proposal approved by the University Senate. Also no liability is accepted for the actions of students on the course, staff of the partner institution or the partner institution itself.

Signatures

13. Normally the Principal or other Senior Officer will sign the agreement on behalf of the University of Strathclyde and an equivalent officer on behalf of the partner institution.



Shameem BM - NA <shameem.bm@ametuniv.ac.in>

Fwd: FW: Final Certificate of Acceptance

1 message

HimanshuUppal Asst Professor(NA) <uppal.himanshu@ametuniv.ac.in>
To: "Shameem Asst Professor(NA)" <shameem.bm@ametuniv.ac.in>

Thu, Sep 19, 2019 at 4:45 PM

----- Forwarded message -----

From: **Tapan Ganapathy** <tapanganapathy.tg@gmail.com>
Date: Fri, Jul 26, 2019 at 1:42 PM
Subject: FW: Final Certificate of Acceptance
To: uppal.himanshu@ametuniv.ac.in <uppal.himanshu@ametuniv.ac.in>

Sent from Mail for Windows 10

From: Tapan Ganapathy
Sent: 29 August 2018 13:39
To: Scribbles India
Subject: Fwd: Final Certificate of Acceptance

----- Forwarded message -----

From: <admissions@strath.ac.uk>
Date: Fri 18 May, 2018, 1:00 PM
Subject: Final Certificate of Acceptance
To: <tapanganapathy.tg@gmail.com>

FINAL CERTIFICATE OF ACCEPTANCE


Dear Tapan Ganapathy Thirodira Mohan,

I am pleased to confirm your **unconditional** place at the University of Strathclyde. The details of your course are given below:

COURSE DETAILS

Application Number: 189062778
Registration Number: 201809090
Course: BEng Hons Naval Architecture with Ocean Engineering - AMET
Mode of Attendance: full-time
Start Date: 10 September 2018

<https://mail.google.com/mail/u/0?ik=10378f860d&view=pt&search=all&permthid=thread-f%3A1645102225305570547&siml=msg-f%3A16451022253...> 1/2


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135, East Coast Road,
Kanathur - 603 112, Chennai, India.

12/17/2020

Amet University Mail - Fwd: FW: Final Certificate of Acceptance

Expected End Date: 30 June 2020
Tuition Fees: £16875

REGISTRATION

Prior to commencing your studies, two e-mails ('Pre-Registration Access' and 'Online Registration') will be sent to **this e-mail address**. These will contain information regarding your DS username, how to set your password and access University IT systems, and also details of how to complete the registration process. Please ensure that you notify us immediately of any changes to your e-mail address.

USEFUL INFORMATION

We have set up a dedicated strathlife webpage for new students; this has links to information on, amongst other things, Finance and Accommodation.

For course information and associated costs, including fees and funding, please see Courses. For specific course details click on 'Undergraduate' or 'Postgraduate' as appropriate, then select the required course title.

If you require any further information, please send an e-mail to admissions-engineering@strath.ac.uk quoting your Application Number.

We look forward to welcoming you to Strathclyde, the UK Entrepreneurial University of the Year 2013/14, and wish you every success with your chosen studies.

Yours sincerely,

Jane Wilson

Admissions Team Manager
McCance Building, 16 Richmond Street, Glasgow G1 1XQ, UK
(FINALCOA9)


The University of Strathclyde is a charitable body, registered in Scotland, number SC015263.

Best regards,

Himanshu Uppal

Asst. Professor.

Department of Naval Architecture & Offshore Engineering
Academy of Maritime Education and Training (AMET)
135 East Coast Road, Kanathur, Chennai 603112, TN, India


Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

28



तमिलनाडु TAMIL NADU
Amet University

Sp Value
39AB-247398
702/81 F
son Lane
Phone : 2492.



MEMORANDUM OF UNDERSTANDING
BETWEEN

YOKOGAWA INDIA LIMITED (YIL)
AND

ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET)
UNIVERSITY

[Signature]

Registrar /c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

This memorandum of understanding (MoU) entered into this 07.06.2017, between Yokogawa India Limited (YIL), Head office address: Plot No. 96, 3rd cross, Electronics City Complex, Hosur Road, Bangalore - 560 100, a company organized and existing under the laws of India and having a regional office address at "Kothari Building", 2nd Floor, 115, Mahatma Gandhi Road, Nungambakkam, Chennai - 600 034. (hereinafter referred to as "YIL"),

and

ACADEMY OF MARITIME EDUCATION AND TRAINING, having its principal office at ECR, Kanathur, Chennai - 603 112, Tamil Nadu, India

("YIL" and "" hereinafter also referred to as "Party" or "Parties" as per context)

Whereas, YIL is engaged, inter alia, in providing complete solution for Instrumentation, Automation and Electrical activities starting from Design till Installation, Testing and Commissioning.

AND Whereas Academy of Maritime Education and Training (AMET) is engaged in the activities of Engineering Education, Research and Development, Design and Support for enterprise products in various engineering branches including Electronics and Instrumentation Engineering.

AND Whereas YIL and have recognized the necessity to synergize and to mutually agree to co-operate and establish a collaborative relationship in the domain of Electrical and Electronics Engineering-Marine (hereinafter referred to as the "Solution Domains") between the Parties.

Accordingly YIL and have agreed to enter into this Memorandum of understanding, for Industry Institute Partnership activities in the following areas for mutual benefits:

1. Areas of Partnership

- a. To provide Industry and Institution interaction and to give an insight into the latest developments / requirements of the industries.
- b. To enhance the student's skills and knowledge and to mold the students to meet current and future challenges.
- c. To provide an exposure and to build confidence and prepare the students to have a smooth transition from academic to working career.
- d. To arrange Joint seminars from field personalities and to share their knowledge with students.

Page 2 of 6


Registrar / IC

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

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Page 2 of 6



Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

- e. To provide students' project work/internship for / at YIL on mutually agreeable commercial terms and conditions.
- f. To allow students' industrial visit to YIL and also in-plant training to eligible students at YIL. YIL can allow only a small group of ten students from one batch of training conducted, to visit the factory at a time.
- g. AMET has agreed to give training business to YIL in the form of One Credit Course for the period of 2.5 days for continuous three years on mutually agreeable commercial terms and conditions.
- h. Execution of training programme will be planned jointly by representatives of YIL and AMET. Any change in the plan is subjected to the consent of both the parties and both parties entering this MOU anticipate a continuing effort.
- i. The YIL and AMET have a mutual desire to develop and execute industrial automation training programmes inside the college for the benefit of students under this MOU. The training Programme's duration is for 2/3/5 days or depending upon the training module which college would like to have.

2. General Conditions

The above activities are subject to the following:

- a. Before undertaking any activity / program/ project, a proposal has to be prepared covering all the details of the activity by the party initiating the activity and sent to the other party for acceptance after which only the activity may be undertaken.
- b. For the short-time activities generally there will not be any commercial terms and conditions (except in specific and special cases) and these are being undertaken on the basis of development of synergy between the two organizations in the chosen domain of collaboration. The actual expenses will be borne by the beneficiary party.
- c. For the long time project activity the modality of engagement and implementation will be as follows:
 - i. A proposal will be raised by YIL which shall include detailed project specification and the expected responsibilities of as well as the deliverables by, the required information from YIL for initiating the activity by, the expected overall activity time schedule required by YIL and any other information to be conveyed by YIL.
 - ii. A response will be made by which will include confirmation of the requirements from YIL, expected activity, time schedule, identifying additional facilities if any to be created and the charges for taking up the total activity and the various milestones for the part payment schedule.
 - iii. The charges and the other commercial terms will be mutually discussed and agreed upon.

- e. To provide students' project work/internship for / at YIL on mutually agreeable commercial terms and conditions.
- f. To allow students' industrial visit to YIL and also in-plant training to eligible students at YIL. YIL can allow only a small group of ten students from one batch of training conducted, to visit the factory at a time.
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 - iii. The charges and the other commercial terms will be mutually discussed and agreed upon.



iv. A separate project agreement will be entered for this specific project covering the additional relevant clauses for the projecting addition to the other general clauses of this MoU.

d. The basis of the MoU is mutual trust, sincerity and faith and hence both Parties' actions should be in the best interest for furthering the relationship between the Parties.

e. Proprietary and confidential information, proprietary processes, technologies, softwares and other information of the Parties shall be respected and maintained by both the Parties as follows.

i. Proprietary or confidential information may be transmitted between the Parties during the period that this MoU remains in force.

ii. Proprietary or confidential information received by or transmitted by one Party to the other with reference to the performance of this MoU or any undertakings hereunder shall be used solely in the performance hereof and the Parties agree that they will not use, disclose or duplicate whole or in part said proprietary or confidential information in any fashion whatsoever to any third Party except end customer and for the purpose of performing this MoU or any undertaking hereunder.

iii. Proprietary and / or confidential information shall be such information including but not limited to design, technical performance, sales, financial, contractual and special marketing information, ideas and concepts belonging to either Party which is furnished pursuant to this MoU.

iv. Proprietary or confidential information shall not include information which is or which without breach of this MoU becomes generally known to the public or to the industry to which it pertains or is known to the recipient prior to its disclosure or is received lawfully by the recipient at any time from sources which are legally entitled to disclose it to other than the Parties to this MoU.

v. The Parties shall protect proprietary or confidential information with the same degree of protection either Party accords to its own proprietary or confidential information. The Parties will each retain such rights with respect to their own proprietary information as may have been possessed prior to the execution of this MoU.

vi. Notwithstanding the above, any Party may disclose proprietary or confidential information to the customer or the End- users for the purpose of furthering the objective of this MoU with the consent of the other party.

vii. Promptly following termination or expiry of this MoU each Party shall return to the other all proprietary and confidential information that it has received from the other in writing or that has been reduced to writing pursuant to this MoU, together with all copies thereof, whether same is in its own hands or in the hands of third Parties. Upon

each terminations or expiry, the receiving Party will immediately cease to make any further use of disclosure of proprietary or confidential information.

viii. The obligation to protect proprietary or confidential information is expected to be beyond the term of the MoU as ethically expected between two organisations.

- f. The relationship between the Parties shall be that of independent contractors. There is no relationship of agency, partnership, joint venture or employment between the Parties. Neither Party has the authority to bind the other or incur any obligation on behalf of the other Party or represent itself as the other Party's agent or in any way that might result in confusion as to the fact that the Parties are separate and distinct entities. Both Parties agree that neither of the Parties may recruit directly or indirectly the other Party's employees directly involved in the development until one year after the expiry of this MoU or any extension thereof for marketing or sales or service of the software.
- g. No Party to this MoU will have any rights or obligations arising from or in relation to this MoU in excess of those rights and obligations expressly declared herein.
- h. Each Party shall be solely responsible for its own actions or failures to act and for its own commitments and understanding as per the specification and the acceptance documents from the Parties.
- i. This document contains the entire agreement between the Parties and supersedes any previous understanding, commitment or agreement, oral or written with respect to the subject matter thereof. No alteration or amendment to this MoU shall be effective unless reduced to writing and signed by the Parties.

3. Term of the MoU:

This MoU is effective from the date of signing of this document 07.06.2017 and will remain in force for a period of 3 years. The MoU may be extended for a further period or periods by mutual written consent. The MoU may also be terminated by any Party by giving 90 days written notice to the other Parties of its intent to terminate the MoU.

4. Notices

- (a) Unless specifically set forth otherwise, all notices or major / important communications made or required to be given pursuant to this MoU shall be in writing and shall be made by hand delivery, or prepaid registered post with acknowledgement due. Notices shall be deemed delivered upon receipt if delivered by hand or five business days after dispatch if by registered post.



For Yokogawa India Limited,

Chennai -34.

Attn : Mr.P.Anand Raj Kumar/Executive Manager

Tel : 044-49022328, 49022333

Email : anand.rajkumar@in.yokogawa.com

For AMET University,

Chennai-603112

Attn : Dr.T.Sasilatha,Dean EEE(Marine)

Phone : 044-27472155

Email : deanceem@ametuniv.ac.in

IN WITNESS WHEREOF, the authorized representatives of the Parties have hereunto set their hands upon date first above written

For and on behalf of
Yokogawa India Limited

P. Anand Raj Kumar
07.06.2017

SIGNATURE

NAME: P. Anand Raj Kumar
TITLE: Executive Manager
Yokogawa India Ltd.

DATE: 07.06.2017

WITNESS

Sreela MK
NAME: SREELA MK
TITLE: Executive

For and on behalf of
Academy of Maritime Education and Training
135, East Coast Road, Kanathur
CHENNAI - 603 112

SIGNATURE

NAME: Dr. P. SARAVANAN
TITLE: Registrar, AMET University

DATE: 07.06.2017

WITNESS

Dr. T. Sasilatha
NAME: Dr. T. SASILATHA
TITLE: Dean - EEE (M)



Dr. P. Saravanan
Registrar i/c
ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



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

Celebrating
25
Years

Department of Electrical & Electronics Engineering

in association with

Yokogawa India Limited, Bangalore

Initiated

One Credit Course

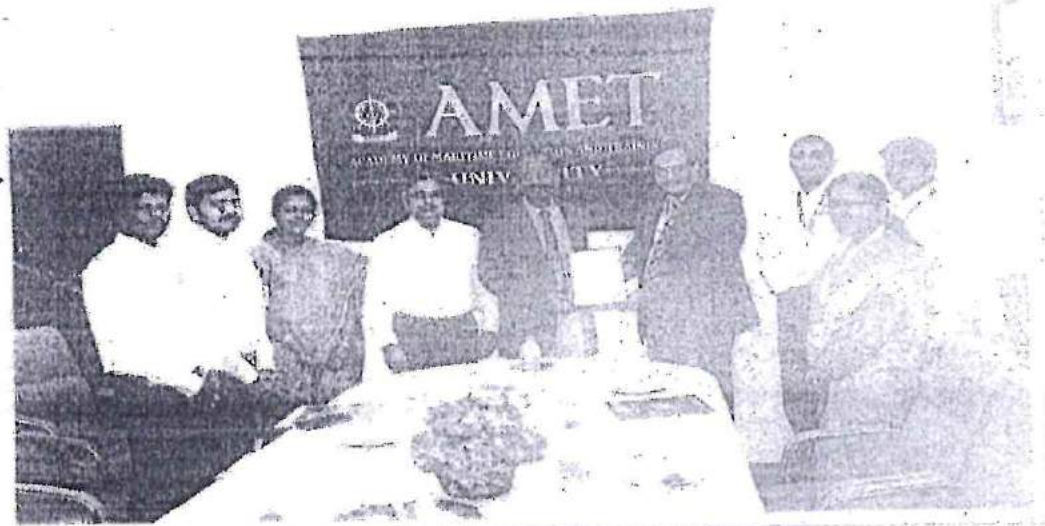
On

Safety Instrumented System

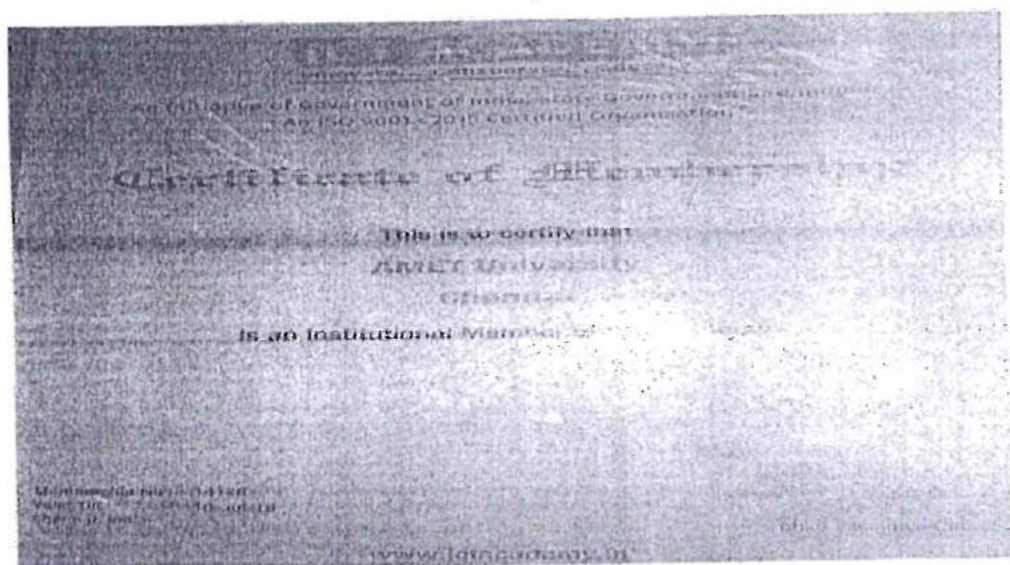
R. Sube

Registrar /c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.



MOU signed between AMET University and ICT Academy on 21st July 2017



Membership certificate of ICT Academy for AMET University, Chennai.

[Signature]

Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
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Kanathur - 603 112, Chennai, India.



AMEI

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

Department of EEE

One Credit Course

SUBJECT : Safety Instrumented System

Day/Session	Topics
Session 1	Industrial Process Safety Standards HISTORY OF STANDARDS IEC61508/61511 Safety Parameters Description Architectures SINGLE DMR TMR QMR VMR Certifications TUV Rheinland
Session 2	Safety System Components Description Sensor Logic solver FCE Hardware configuration Prosafe --RS overview Vnet system Vnet-IP sytem SENG Station Input and Output Modules Analog Input/output Modules Digital Input/output Modules Communication Modules

[Signature]
Registrar

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AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
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Session 3	Safety System Engineering Addressing Introduction to Workbench Project Creation IO-Wiring Dictionary View Configuration of Control Loops POU Concepts Functional block diagram Safety interlocks
Session 4	Downloading concepts Offline/Online/IOM load Security Level SCS status overview Project Data Base


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135, East Coast Road,
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Yokogawa India Limited

115, Mahatma Gandhi Salai
2nd Floor, Kothari Buildings,
Chennai - 600 034.

Tel : 044-4902 2333
Fax : 044 2833 3609



Ref:YIL/CSD/TRG-CHN-AMET17-OC-REV0

18.05.2017

To

M/s AMET University
Plot No.135,East Coast Road
Kanathur,Chennai-603112

**Kind Attention: Dr.T Sasilatha
Dean-EEEM**

Dear Madam,

Sub : One Credit Courses for College Students at your University premises
Ref : Discussion had with the undersigned at your college

We thank you for your enquiry regarding One Credit Courses for your Students at your University premises.

We have introduced a special one credit modules designed for the EEEM Engineering students.

Please find enclosed the details of the module along with our offer for the training.

We trust the offer is in line with your requirement.

We look forward to organize Training programs for your students.

Thanking you and assuring you of our best services at all times

Very truly

For Yokogawa India Limited

P. Anand Rajkumar



P. Anand Rajkumar
Executive Manager
Customer Service Division - Southern Region
Mob: +91 - 9841466669
E-Mail: anand.rajkumar@in.yokogawa.com

R. Subramanian
Registrar i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

Registered Office: Plot No. 96, Electronics City Complex, Hosur Road, Bangalore - 560 100

CIN NO: U74210KA1987FLC008304

Email Id: contactus@in.yokogawa.com

Web Site: <http://www.yokogawa.com/in>

We would like to take this opportunity to introduce our self, Yokogawa India, is an affiliate of Yokogawa Electric Corporation – Japan. Yokogawa in India has acquired the leading edge in technology from its parent company, a world leader in Process Instrumentation & Control that manufactures a broad array of sophisticated Measurement and Control Instruments and Information Management Systems.

Yokogawa India, incorporated in 1987, stand committed to meeting the challenges of tomorrow and move in tandem with India's liberalized economic environment towards globalization. Yokogawa also possesses over a decade's experience in training customer's personnel.

SPICE, an acronym for School for Process Instrumentation and Control Education from Yokogawa, draws upon YOKOGAWA'S long-standing tradition, experience and expertise, forming a one-of-a-kind institute in offering training. **We at Yokogawa, believe that the right training program can make difference between success and failure.** It can have significant impact on the performance of the plant, which in turn enhances the profitability.

The SPICE Training Center offers the industry's most potent training resources. Its dedicated, qualified instructors have over 35000 man weeks of training experience both inland and abroad and extensive exposure to instrumentation products and field engineering.

SPICE training program offers a variety of training modules that deals with every aspect of instrumentation and related fields at different levels ranging from the freshers in Instrumentation to the Senior Management level.

The main objective of SPICE training program is to bridge the gap between the fresher in the field of Process Instrumentation & Control and the skill set requirement of Process Industries by imparting the Industrial Training from Basic to the Advanced.

Skills acquired by the student community from the SPICE Training:

- The SPICE trained professionals will have cutting edge over others in terms of ...
- Wide acceptance in the Industry as the learning time in industrial environment is reduced.
 - Ability to handle the Industrial Measurement and Control Products / Systems.
 - HANDS ON working on Yokogawa Distributed Control System and Products.
 - Advanced skill set for performing the day to day task in the field of Process Automation.


Registrar/c

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YOKOGAWA

Co-innovating tomorrow™

INSTITUTE : AMET UNIVERSITY

OFFER REF: YIL/CSD/TRG-CHN-AMET17-OC-REV0

DATE : 18.05.2017

Employment Opportunities on completion of the Course:

The complete process in all the major industries in the following sectors both in India and Abroad are automated using our systems. The entire plant is being controlled by our DCS and PLC. Hence, on completion of the training the participant may be a potential candidate for being employed in the following process industries, both in India and Abroad.

- Refineries
- Petrochemicals
- Power Plants
- Fertilizers
- Pharmaceuticals
- Chemical Industries
- Paper & Pulp Industries
- Offshore Oil Platforms
- Sugar Industries
- Glass manufacturing

Certification:

We shall award a certificate on completion of the course. Our certification is recognized through out the world.


Registrar

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
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ONE CREDIT COURSE AT YOUR UNIVERSITY

QUOTATION

1. ONE CREDIT COURSE

SL.NO	COURSE	DURATION
A	DISTRIBUTED CONTROL SYSTEM	3 DAYS PER BATCH
B	PROGRAMMABLE LOGIC CONTROLLER	3 DAYS PER BATCH
C	FIELD INSTRUMENTS FOR PROCESS CONTROL	2 DAYS PER BATCH
D	SAFETY INSTRUMENTED SYSTEM	2 DAYS PER BATCH

2. TRAINING FEE

SL.NO	COURSE	TRAINING FEE IN INR (PER BATCH)	SERVICE TAX IN INR @ 15%	TOTAL CHARGES PER BATCH INCLUSIVE OF TAX IN INR FOR A BATCH OF MAXIMUM 30 PARTICIPANTS
A	DISTRIBUTED CONTROL SYSTEM	165000	24750	189750
B	PROGRAMMABLE LOGIC CONTROLLER	165000	24750	189750
C	FIELD INSTRUMENTS FOR PROCESS CONTROL	110000	16500	126500
D	SAFETY INSTRUMENTED SYSTEM	110000	16500	126500

3. TERMS & CONDITIONS

A	THE COURSE CHARGES INCLUDE THE TRAINING FEE, ACCOMODATION AND TRAVEL EXPENSES OF OUR TRAINER. OUR TRAINER SHALL CARRY ONE SET OF HARDWARE FOR CONDUCTING THE COURSE.
B	TRAINING COURSEWARE SHALL BE GIVEN TO EACH PARTICIPANT IN THE FORM OF CD. HARD COPIES OF THE COURSE HAND OUTS SHALL BE GIVEN TO EACH TRAINEE.
C	THE PC'S FOR THE TRAINEES SHALL BE ORGANISED BY YOU. IF PC'S ARE PROVIDED, WE SHALL DO THE SOFTWARE INSTALLATION/UNINSTALLATION ON THE PC'S FOR USE DURING THE TRAINING PERIOD.
D	MEDIUM OF TEACHING SHALL BE ENGLISH.
E	WE SHALL DEPUTE ONE TRAINER FOR CONDUCTING THE PROGRAM.
F	MAXIMUM NUMBER OF PARTICIPANTS PER BATCH SHALL BE 30.
G	ANY CHARGES INCURRED TOWARDS LOCAL TAXES /OCTROI ETC. WITH RESPECT TO THE TRANSPORTATION OF HARDWARE SHALL BE CHARGED AT ACTUALS TO YOUR ACCOUNT.
H	LOCAL TRANSPORTATION OF HARDWARE FROM THE NEAREST AIRPORT/RAILWAY STATION/BUS STAND TO SITE SHALL BE ORGANIZED BY YOU.
I	OFFER VALIDITY IS THREE MONTHS.


Registrar i/c

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YOKOGAWA

Co-Innovating tomorrow™

INSTITUTE : AMET UNIVERSITY

OFFER REF: YIL/CSD/TRG-CHN-AMET17-OC-REV0

DATE : 18.05.2017

4. TAXES & DUTIES

SERVICE TAX SHALL BE CHARGED EXTRA AS APPLICABLE AT THE TIME OF TRAINING. PRESENT RATE OF SERVICE TAX IS 15%

5. PAYMENT TERMS

THE TRAINING FEE TO BE PAID IN ADVANCE BY WAY OF DEMAND DRAFT FAVOURING "YOKOGAWA INDIA LIMITED" PAYABLE AT CHENNAI

6. TRAINING VENUE

Course will be conducted at your College.

7. CONTACT DETAILS

For any information on training, please contact the below listed:

Mr P Anand Rajkumar: +91-9841466669

8. TRAINING SCHEDULE

Training shall be conducted on mutually agreeable dates.

For Yokogawa India Limited

P. Anand Rajkumar



P Anand Rajkumar
Executive Manager
Customer Service Division – Southern Region
Email id: anand.rajkumar@in.yokogawa.com

A. S. S. S.
Registrar/i/c

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University u/s 3 of UGC Act. 1956)
135, East Coast Road,
Kanathur - 603 112, Chennai, India.

DISTRIBUTED CONTROL SYSTEM


OBJECTIVE : This course is designed to give participants the fundamental knowledge on the hardware, operation and various features of DCS system.

DURATION : 3 Days

MAXIMUM CLASS SIZE : 30

COURSE CURRICULUM :

DAY	CONTENT
1	DCS Evolution
	DCS System Overview
	DCS Hardware Overview
	Field Control Station Overview
	Human Interface Station Overview
	Operation of Standard Display Windows
	Tuning Parameter Display
	Tuning Parameters Description
	Operation of Standard Display Windows
	Control Group Display
	Process Overview Display
	Trend Recording Display
2	Feedback Control Instruments Operation
	Sequence Control Instruments Operation
	Real time Graphic Display Features
	Control Drawing Builder
3	Feedback Control Instrument Generation
	Sequence Control Instrument Generation
	Interlock Generation
	Process Report and Historical Report
	System Status Display


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PROGRAMMABLE LOGIC CONTROLLER

OBJECTIVE: This course enables participants to learn to features, hardware and programming aspects of PLC system.

DURATION : 3 Days

MAXIMUM CLASS SIZE: 30

COURSE CURRICULUM:

DAY	CONTENT
1	PLC Components Description
	Hardware configuration
	Processor & Input Output Card Description
	System Network Concepts
	PLC Engineering Concepts
	Creation of new project
	Creation of Racks & Nodes
	Adding of IOM offline and online and configuration of channels
2	Configuration of Control Loops
	Function Block Generation
3	Ladder Logic generation
	Decoding error codes
	Diagnostic Features

FIELD INSTRUMENTS FOR PROCESS CONTROL

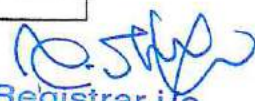
OBJECTIVE: This course enables participants to learn the terminologies of Instrumentation and latest measurement techniques.

DURATION: 2 Days

MAXIMUM CLASS SIZE : 30

COURSE CURRICULUM:

DAY	CONTENT
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1	Instrumentation Terminology
	Principle & Operation of Transmitters
	Principle & Operation of Flow meters
2	Principle & Operation of Controllers
	Principle & Operation of Recorders

SAFETY INSTRUMENTED SYSTEMS

OBJECTIVE : This course enables participants to learn to understand the Safety Standards and requirements of Safety Instrumented systems.

DURATION: 2 Days

MAXIMUM CLASS SIZE : 30

DAY	CONTENT
1	Industrial Process Safety Standards
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