



Society For Industrial And Technical Education Of Goa's

Institute Of Maritime Studies - Goa

# IMS YearBook 2015

ISSUE - I

WWW.IMSGOA.ORG

2014 - 2015



**WORLD ENVIRONMENT DAY**

*There are no passengers  
in the ship called Earth  
We are all crew*

Society for Industrial & Technical Education of Goa's  
**INSTITUTE OF MARITIME STUDIES**





Society For Industrial And Technical Education Of Goa's

# Institute Of Maritime Studies - Goa

# IMS YearBook 2015

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It is with great pleasure we at IMS, announce the compilation and issuance of the very first IMS Magazine named "IMS YEAR BOOK – 2015".

In keeping with the sensibilities of protecting the environment, this magazine is being issued online only in virtual form.

For long, it had been discussed and debated amongst the faculty and students at IMS as to the need for keeping a record of the diversified activities of this institute. It is only now, we have been able to compile this record and present to you.

Therefore, I congratulate the whole team of faculty and students involved in the creation of this magazine and wish it great success. Advantage of having a record like this is that it will help revive the memories of students passing out this year, whose activities are recorded here.

Hence on behalf of the Society of Industrial and Technical Education of Goa, faculty and staff of IMS, I wish all the passing out students of the 2013- 2015 DE and 2014- 2015 GE batches all the very best and a peaceful and successful career.

I wish all our readers a Happy and Prosperous New Year.

M.C.Asthana

Director



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# Remembering Passing Out Function Of 12DE & 13GE on 26th November 2014



Slow march executed by passing out Cadets to a salute given by Junior Batch.



Group photo of 12DME with Dignitaries



Group photo of 13GME with Dignitaries

**Dignitaries seated:** Shri. Ajay Tambwekar (Dy. Dir), Guest of Honor Shri. Subbha Rao (President IMEI), Chief Guest Ms. Mahua Sarkar (Deputy Director General of Shipping), Shri. Ashok V. Chowgule (Chairman SITEG), Guest of Honor Capt. Ashok Sabnis (MD Goodwood Ship Management Ltd.), Shri. M. C. Asthana (Director), Shri. Dipak B. Shah (Dy.Dir).



DME Batch 2012 – 2014



GME(A) Batch 2013 – 2014



GME(B) Batch 2013 – 2014

# Remembering Passing Out Function Of 12DME & 13GME



DME Batch 2012 – 2014

12DE996 Cadet RONY SEBASTIAN  
 12DE997 Cadet PRITESH VILAS GAONKAR  
 12DE998 Cadet HEMANT RAVINDRA NEVGI  
 12DE999 Cadet LENCIO PEREIRA  
 12DE1000 Cadet VENKAT KUMAR V POLIM REDDY  
 12DE1001 Cadet SHAM SUBHASH CHODANKAR  
 12DE1002 Cadet SHREYASH S BHANDARI  
 12DE1003 Cadet RAMKRISHNA P HAZARE  
 12DE1004 Cadet SAIESH SALIT MAHALE  
 12DE1005 Cadet BREMBLEY GONSALVES  
 12DE1006 Cadet RUSSELL REDEMPTO PEREIRA  
 12DE1007 Cadet MUKESH KUMAR S CHOWDHARY  
 12DE1008 Cadet GIRISH BABURAO PARAB  
 12DE1009 Cadet LOUIE FERNANDES  
 12DE1010 Cadet GANESH MADHU MOURYA  
 12DE1011 Cadet THERON RAVI RODRIGUES  
 12DE1012 Cadet FRANEL PEREIRA  
 12DE1013 Cadet ENDRICO DIAS  
 12DE1014 Cadet SAIRAJ PRAKASH PRABHU  
 12DE1015 Cadet SHIVANAN G SALGAOKAR

12DE1017 Cadet BINDESH KUSTA FAL DESSAI  
 12DE1018 Cadet JOSE NI NORMAN MIRANDA  
 12DE1019 Cadet SWEELAR C MANJREKAR  
 12DE1020 Cadet PRESHIT P SAWANT DESSAI  
 12DE1021 Cadet ROHIT JANARDAN KASKAR  
 12DE1022 Cadet GIRISH PURUSHOTTAM NAIK  
 12DE1023 Cadet AMITESH ABHAY SAWANT  
 12DE1024 Cadet SANKET C VAINGANKAR  
 12DE1025 Cadet NIKHIL ULHAS AMONKER  
 12DE1026 Cadet SAGAR BABAN ZORE  
 12DE1027 Cadet ATMARAM P BORDEKAR  
 12DE1028 Cadet ANCELY COELHO  
 12DE1029 Cadet FRAJIE ANDREW MONTEIRO  
 12DE1030 Cadet VIVEK MARIAN FURTADO  
 12DE1031 Cadet DELTON JOSE GOMES  
 12DE1032 Cadet NEERAJ KUMAR SONU  
 12DE1033 Cadet RAHUL LUCAS  
 12DE1034 Cadet MITHIL TULSIDAS SAWANT  
 12DE1035 Cadet TEJESH BALIRAM SAWANT

# Remembering Passing Out Function Of 12DME & 13GME



GME(A) Batch 2013 – 2014

13GE1036 Cadet KIEV THEODORE FERNANDES

13GE1037 Cadet SHIVARAJ BANDU KERAGUTE

13GE1038 Cadet RAVI KANT TIWARI

13GE1039 Cadet DARSHAN DHANANJAYBHAI BHATT

13GE1040 Cadet RAVINDRAN BALU

13GE1041 Cadet SUDHANSHU SUKHDEVRAO  
DESHMUKH

13GE1042 Cadet SUMEET TARSEM KASHYAP

13GE1043 Cadet ANAND ALIAS TEJ UDAY SAMANT

13GE1044 Cadet ROHITKUMAR MANOJBHAI PATEL

13GE1045 Cadet NAJMUS SAQUIB

13GE1046 Cadet LUIS XAVIER TELES D SILVA

13GE1047 Cadet JASKARAN KUMAR SHARMA

13GE1048 Cadet PRATEEK VIVEK

13GE1049 Cadet PETER GEORGE VALAVI

13GE1050 Cadet MADHUKAR SRIVALLABH BALE

13GE1051 Cadet MANISH KUMAR GUPTA

13GE1052 Cadet SANKET RAVI HEGDE

13GE1053 Cadet JUDE ALBERT FIDO VAZ F

13GE1054 Cadet ACHINT SINGH MAKKAR

13GE1055 Cadet SARVESH SAMADHAN THAKUR

13GE1056 Cadet NAVANATH PANDURANG BHANGE

13GE1057 Cadet RAJARAM ALIAS RAJ PRADEEP  
NAIK

13GE1058 Cadet RAHUL PRAKASH

13GE1059 Cadet APURVA HEMANT VARTAK

13GE1060 Cadet SHUBHAM VISHWAKARMA

13GE1061 Cadet VENKATESH SELVARAJ

13GE1062 Cadet SACHIN SADANAND NAIK

13GE1063 Cadet KUNISSERYVAKKIEL GANESH NAIR

13GE1064 Cadet HARISH MILIND KAKODKAR

13GE1065 Cadet SOUMALYA DAS

13GE1066 Cadet RAHUL BALI

13GE1067 Cadet RAKESH KUMAR YADAV

13GE1068 Cadet AJIL KOOTTALA AUGUSTINE

13GE1069 Cadet SUBRAT KUMAR BISWAL

13GE1070 Cadet MANESH CHANDRAKANT ARLEKAR

13GE1071 Cadet KIRAN KALADHARAN

13GE1072 Cadet ASHISH RANA

13GE1073 Cadet PANKAJ ATMARAM PATIL

13GE1074 Cadet ABHISHEK KHIMJIBHAI CHAUHAN

13GE1075 Cadet SAKET SHUKLA SAWANT

# Remembering Passing Out Function Of 12DME & 13GME



GME(B) Batch 2013 – 2014

13GE1076 Cadet SOHIL ROBERTO FERNANDES  
 13GE1077 Cadet MRINMAY PRADHAN  
 13GE1078 Cadet ANURAG SHARMA  
 13GE1079 Cadet ANEESH GEORGE  
 13GE1080 Cadet RAM SHIVAJI HAJARE  
 13GE1081 Cadet NITHIN SRINIVAS KAMATH  
 13GE1082 Cadet SUMAN SAURABH  
 13GE1083 Cadet KEDAR DURGANAND BANDEKAR  
 13GE1084 Cadet VIVIAN WILSON DSOUZA  
 13GE1085 Cadet ABHINAV KUMAR  
 13GE1086 Cadet MATHANRAJ ANBALAGAN  
 13GE1087 Cadet AMIT SHARMA  
 13GE1088 Cadet SARIN PUNNATHANATH JOSE  
 13GE1089 Cadet PRADIP LAXIMAN SHANKE  
 13GE1090 Cadet ANIKET JAYANT NAROJI  
 13GE1091 Cadet SUNIL KANNA M  
 13GE1092 Cadet RAHUL PREMANAND SHETTY  
 13GE1093 Cadet SAKET SHIRISH ADAWADKAR  
 13GE1094 Cadet SUKHJINDER SINGH  
 13GE1095 Cadet TAJJUDDIN IBRAHIM SHAIKH

13GE1096 Cadet AMANDEEP SINGH  
 13GE1097 Cadet ROHIT SURESH REDEKAR  
 13GE1098 Cadet SAVANKUMAR VIJAYBHAI RAVAL  
 13GE1099 Cadet SUDIPTO DEV  
 13GE1100 Cadet BALAMURUGAN VIJAYA KUMAR  
 13 GE1101 Cadet KENRICK WARREN ANTAO  
 13GE1102 Cadet RISHABH JOHARI  
 13GE1103 Cadet RAAJ MANOHAR KOGANTI  
 13GE1104 Cadet ASHISH KISHOR PEDNEKAR  
 13GE1105 Cadet VINAYAK MANOHAR KALAS  
 13GE1106 Cadet SANDEEP BHARDWAJ  
 13GE1107 Cadet RAJESH KUMAR RADHAKRISHNAN  
 13GE1108 Cadet NIKUNJ KAILASH BHARANWALA  
 13GE1109 Cadet DHEERAJ KUMAR  
 13GE1110 Cadet PANKAJ PANDURANG NAIK  
 13GE1111 Cadet PRANAV PRASAD  
 13GE1112 Cadet SATNAM SINGH  
 13GE1113 Cadet ROHIT GANGARAM NEMLEKAR  
 13GE1114 Cadet MANUEL FRANCIS DACOSTA

# Republic Day Function



On 26th Jan. 2015 Republic Day was celebrated by hoisting Flag at IMS hostel and ISBT flag post at 0845/0915 hrs. All the staff and cadets attended the ceremony in presence of the Director of IMS and Principal of ISBT. This was followed by speeches and refreshments .

## Urge To Be Successful by Cdt. Romin Kumar (14GEI202)

*I came here with a simple concept  
To be successful in every sphere of  
life ,*

*Not in a specific area, where I  
wanted to excel*

*I changed my concept – to be uni-  
form , to take a direction.*

*I started working stipulated objec-  
tive,*

*This gave me a large quantum of  
being responsible*

*Responsible towards my future ,  
my parents and my life.*

*Made me the lover of my objec-  
tive.*

*In the process of working for my  
ambition,*

*I not only forget the lesson  
learnt from my past experiences*

*But also learnt to remain fo-  
cused on my aim*

*For something to learn some-  
thing to teach, to give and to  
gain*

*I still have an urge to be suc-  
cessful to be in my life*

*With this hope that one day will  
stand against*

*Those people who say that fail-  
ure happened ,*

*Because of their bad luck,*

*And staunchly say – no , it hap-  
pened because of their mis-  
takes .*





# Kitchen Wet Waste Compositing Machine



Date 20th Feb 2015

The Ecoman "Kitchen Wet Waste Composting Machine" purchased and used for reproducing fertilizer from wet waste of kitchens which can utilized for gardens.

## In House Design and Set Up

The kitchen wet waste composting machine was put on foundation with the help of crane provided by M/S Marine Electrical Agencies. Foundation for the machine was done by cadets under the supervision of wardens.

Construction of shed and structure was fabricated by workshop staff and cadets.

Electrical wiring layout and connections was done by cadets electrical team.



# Live Fire Drill 1



## National Maritime Day Celebration

## Drawing Competition Conducted at IMS



Drawing competition was conducted at IMS Goa on 22nd February 2015 in view of National Maritime Day Celebration. 79 children from various schools participated and some of their parents were also present to witness this event. Drawing competition was co-ordinated by IMS staff Mr Nilesh Sawant and Mr Gokul Krishnan. At the end of the event refreshments were served.





## National Maritime Day Celebration

### Inter Institute Swimming Competition



**Date 22nd March 2015**

In view of National Maritime Day celebration Inter institute swimming competition was organized between IMS vs NUSI.

The cadets representing IMS were 14GE1180 Cdt. Rahul Barber, 14DE1257 Cdt. Gurvinder Singh, 14GE1222 Cdt

Sagar Sable, 14DE1260 Cdt. Dhanraj Jadhav and 14GE1191 Cdt Ashish Kumar.

The events cadets participated are

1) 50m Free Style , 2) 100m Free Style , 3) 200m x 4 Relay

14GE1180 Cdt Rahul Barber came first in 50m Free Style and second in 100m

Free Style, IMS Team Won 200m x 4 Relay



# National Maritime Day Celebration Inter Institute Volley Ball Match 2015



**Date 28th March 2015**

In view of National Maritime Day , the Volley Ball match (Final) played between IMS v/s NUSI at NUSI ground.

NUSI won the final match

First set: IMS 15-25

Second set: IMS 20-25



# National Maritime Day Celebration Inter Institute Cricket Match 2015



## Date 29th March 2015

In view of National Maritime Day celebration, 20 overs Final cricket match played between IMS v/s NUSI at IMS ground. Both the teams introduced their players and coin tossing procedure was conducted by the umpire. NUSI won the toss and chose to field and invited IMS team for batting. The match was witnessed by Dy.Dir Mr. Dipak Shah, Dy.Dir/OIC Hostel Mr. Ajay Tambwekar, Mr Dipak Mhalsekar (Team Coach), Mr. Satyaveer Singh (Warden) IMS cadets, staff of NUSI and NUSI cadets.

## Match Details:-

Number of overs – 20

IMS batting first 180/10 (20 overs)

NUSI batting second 142/10 (16 overs)

Winner:- IMS won by 38 runs.

Umpires:- Mr. Harish Parsekar, Mr. Chandan Dongrekar



# National Maritime Day Celebration

## Blood Donation Camp 1

Date 04th April 2015



Blood donation camp which is for National Maritime Day, was conducted by GMC Doctors Bambolim Goa. Total 81 cadets and 2 staff members denoted blood on this day.  
\*Conducted by Dr. Sanjay and his team



# National Maritime Day 5th April 2015



Date: 5 April 2015

National maritime day was celebrated at Ravindra Bhavan, Vasco . IMS and NUSI participated along with dignitaries.

Lifetime achievement was awarded to Mr Dipak Shah Dy. Director. IMS won the inter institute cricket match. Governor of Goa Mrs. Mridula Sinha was the Chief Guest.





# Annual Social Gathering 2015



**Annual Social Gathering OF Institute of Maritime Studies was held On 25<sup>th</sup> April 2015** at the Ravindra Bhavan, Baina, Vasco. For the first time annual social gathering was held in Ravindra Bhavan which is an international quality auditorium. The Staff and Trainees of come together every year and celebrate the commencement of IMS Hostel operations by organizing this event - this year it was the 12<sup>th</sup> anniversary.



## Freestyle Dance

The Cultural Programme began with a Traditional Goan Ghumat Aarti. The programme consisted of the following items:

**Dance Section:** Freestyle dance was elegantly presented by On Duty Dance Group. Triple A Group then entertained the audience by their Bollywood style Dance with their Desi moves. The south Indian Gold Dusters made the audience get a feel of South Indian Dance forms. But the Star attraction of this section was Bhangara which was the Show Stopper of the Annual Social .



Chief Cadet Captain Govindaraja Nadar welcomed all the dignitaries, parents of students, guests, and staff at 1005 AM.

# Annual Social Gathering 2015



## Song By Cdt. Swapnesh Desai

**Song Section:** Cadet Swapnesh and Cadet Jeet sang romantic songs. Cadet Tarun sang and played a medley on guitar .

**Mime:** The group Silent Waves composed of 14 Diploma students showcased their talent by giving a message i.e. 'Hell Mate without a Helmet' through their Mime highlighting the importance of wearing helmet to save one's life during road accidents.

**Mute Beat:** The 13 Diploma Batch gave a fantastic performance during Mute Beat highlighting social message of ill effects of drugs .

**Musical Bands:** The 14 Graduate Batch Magic Band sang some English and Hindi songs. Similarly the 14 diploma Batch – Acoustic Mariners sang English songs and Cadet Salil held the audience spellbound by playing his Saxophone.



## 'Hell-Mate Without Helmet'- Mime

**Skits:** During the show there were two extremely funny skits which made audience to laugh - Yamraaj Ka Toota Sapna and family Court which were respectively presented by 13 Diploma and 14 Diploma Batches.

**Staff programme:** The staff also showcased their talent. Mr. Nilesh Sawant sang a song. While Mr. Sudesh Gaonker played Hindustani Classical Raga on harmonium which was accompanied on Tabla by Mr. Satej Tirodkar.

**Special Performance:** The Clapsteppers group of 14 Graduate under the leadership and guidance of Cadet Subhas Saran performed a unique act of clapping in group and entertained the audience.



## Medley By Cdt. Tarun Kukreti

**Awards Section:** The students who had won various inter Sadan and inter Institute sports tournaments were given away prizes by the Mr. Ashok Trivedi a Senior Marine Engineer and a Mentor to the students. Similarly Hostel and Mess staff were presented with prizes in appreciation of their services by the Director, Shri M. C. Asthana.

Towards the end, Chief Cadet Captain Govindaraja Nadar proposed a Vote of Thanks and the programme concluded with all the participants assembled on the stage and taking the IMS Pledge followed by the singing of National Anthem by all the gathered people .

# Annual Social Gathering 2015



Mr Ashok K. Trivedi Giving Awards To Students



The students who had won various inter Sadan and inter Institute sports tournaments were given away prizes by the Mr. Ashok Trivedi a Senior Marine Engineer and a Mentor to the our students.



Appreciation Award Given To IMS Hostel and Mess Staff by Director Mr M. C. Asthana

The staff also showcased their talent. Mr. Nilesh Sawant sang a song, while Mr. Sudesh Gaonker played Hindustani Classical Raga on harmonium which was accompanied on Tabla by Mr. Satej Tirodkar.



IMS Staff Mr Sudesh Goankar On Harmonium



IMS Staff Mr Nilesh Sawant Singing Song

# Annual Social Gathering 2015

'Yamraj Ka Toota Sapna' - Drama



Bollywood Dance by AAA Group



Dance by South Indian Gold Duster



Acoustic Mariners



Clap Steppers

# Annual Social Gathering 2015



English Anchors Cdt. Joshne and Cdt. Jugal



Hindi Anchors Cdt. Rochak and Cdt. Deependra



'Say No To Drugs' - Mute Beat



Family Court - Drama



Bhangra Dance

# International Yoga Day 21 June 2015



International Yoga Day was celebrated on 21 June 2015, all over the country and also at IMS Goa. Cadets participated in Yoga along with Dy. Director Mr. Dipak Shah and Dy Director/OIC Hostel Mr. A A Tambwekar, Mr G. Anand Kumar and Mr Ramachandra (Warden), activities included some asanas and pranayama at IMS Hostel.

Doing yoga can make everyone active , energetic, develop positive attitude and live life to its full potential.



**YOGA IS NOT ABOUT TOUCHING YOUR TOES. IT IS WHAT YOU LEARN ON THE WAY DOWN.**

# YOGA AS A WAY OF LIFE

LT CDR. K.V. UNNI KRISHNAN (RETD.) - Asst. Director



A healthy body is the prime requisite for success and happiness in life. Yoga, developed by our rishies mainly for spiritual development, is at present in great demand for promoting and preserving physical and mental health all over the world. Health is not the state of mere absence of diseases or

complaints, but it is of wellbeing physically, mentally and socially. Regular practice of yoga provides positive health, longer life span and less susceptible to diseases. One can withstand stress and strain of today's complex and busy life (of marine industry in particular) much better and will have a positive outlook towards life.

The scope of the word yoga is very wide. It includes *Bhakti Yoga, Karma Yoga, Thantra Yoga, Hatha yoga* and so on. They are various paths for spiritual uplift and are interlinked. Although practitioners choose these paths according to their temperament and convenience, the one that is generally admired and most prevalent is *Hatha Yoga*. Hatha yoga envisages that spirit, mind and body are integrated in one unit. The inter-actions among them and their interactions with the environment are an ongoing process, and any imbalance among them leads to disease. For bringing a practitioner to the higher level of integration, Hatha yoga has evolved a path of eight parts *i.e. Yama, Niyama, Asana, Pranayama, Prathyahara, Dharana, Dhyna, Samadhi*. Out of these, *Yama, Niyama, Asana* and *Pranayama* put together is called 'Bahiranga yoga' (Outer Yoga) and are practised for mental and physical health. *Prathyahara, Dharana, Dhyna* and *Samadhi* are regarded as parts of 'Antharanga yoga' (Inner Yoga) and are intended for spiritual progress.

The objectives, fundamental principles and techniques adopted in various disciplines of physical exercises such as running, swimming, playing games etc. are to achieve health, speed, strength, agility and entertainment while those of yogic practice are quite different. It increases neuro-muscular co-ordination and helps in achieving integration of body systems.

Regular practices of yoga enhance the systems of the body through various stretches and contractions, creating negative and positive pressure on vital internal organs and invigorate endocrine glands.

It helps to control the mind through fixation of attention, improving concentration, relaxation and catharsis. The mind is purified by being purged of emotions. A properly designed and tailored course of yoga involves participation of entire muscles of the body as well as organs.

Asana emphasises on stretching of muscles, resulting more capillaries to open, consequently improving blood circulation therein and the nerves in the region are rejuvenated. Muscles are strengthened and made flexible. Flexibility is a sign of youthfulness while rigidity is that of old age. Various bends, twists and stretches of joints and ligaments during asana, not only make them pliable and efficient, but also act as a preventive for problems such as stiffness, arthritis etc.. Application of *Differential Relaxation Technique* and *Pranadharana* (fixation of mind on breath) ensure minimum expenditure of physical and mental energy and hence make *yogabhyas* a real pleasurable experience. Yoga provides therapeutic and preventive measure for a large variety of physical disorders and diseases such as hypertension, diabetes, asthma, constipation, and insomnia. Nevertheless, yogic therapy lays greater importance on improving the aspirant's resistance power rather than the treatment of disease.

Yogic practices and philosophy go hand in hand. Persons by regular practice of yoga, slowly change their behavioural pattern and attitude towards life. Because of these, tension, fears and impact of upheavals are reduced hence, achieving higher threshold of tolerance. Yoga is an empirical system designed to lead the aspirant towards complete integration of personality and highest bliss. One can acquire a body that is internally cleansed, stable and agile ; have the nerves purified ; achieve physical and mental equilibrium. All these gains result in making the life healthier, successful, contented and pleasant. For that, **Adopt Yoga as a Way of Life.**

# National Independence Day Function



On 15th August 2015 Flag hoisting held on IMS hostel ground at 08:30 am and ISBT at 09:15 am. All the staff and cadets attended the ceremony in their uniform in presence of the Director of IMS and Principal of ISBT.



## 'Mother' by Cdt. Romin Kumar (14GE1202)

*It is a heart filled with love,  
To think over it is very tough,  
It is as sweet as honey,  
After all, she gives us an amiable  
company,  
It is to feel cosy when you are close  
to her,  
Thus she has a tender and caring  
nature,  
Does she take up to task when you  
do something wrong?*

*Hence, its pricks but makes  
us correct for the life long.  
Does she give you courage ?  
Of course! she does, because  
she is different from others.  
In few words mother's nature  
can not be told,  
You will have to bear words  
in your heart until you get  
her hold.*





# ‘Mere Do Anmol Ratan’

**Mr. R. Pandiarajan - (Warden)**



Hello friends my name is R. Pandiarajan. I am the warden of IMS Hostel and I take pride in being a part of Institute Of Maritime Studies Goa. The reason for writing this article is that I am a very proud father of two sons, **‘Mere Do Anmol Ratan’**. In this article I would like to tell you about the achievements of my sons. My elder son, Anand Pandiarajan, is a Gold medal winner in Taekwondo for Goa state at the recently held 35<sup>th</sup> National Games of India in Kerala. Goa State had won 1 gold medal, 3 silver medals and 11 Bronze medals of which my elder son Anand Pandiarajan is the gold medal winner. My younger son, Saravanakumar Pandiarajan, is silver medal winner for Goa State in the same competition.



Anand Pandiarajan is 24 years old and an International Taekwondo Player. He holds black belt – 2<sup>nd</sup> Dan. He started in this sport at the tender age of 6 years. Currently he plays for Goa State at National level and represents India at International level. He is No. 1 in the sport of Taekwondo in Goa as well as India and since last seven years he has remained champion nationally. He is also the Gold medal winner of South Asian Games which were held in 2010 at Dhaka, Bangladesh. Now he has been selected for the camp for South Asian Games 2016.

Academically Anand has completed Bachelor in Arts(B.A.) and Bachelor of Physical Education (B. P Ed.) and currently he is studying for Masters in Physical Education (M.PED) at Punjab University, Patiala (Punjab State).

My other son Saravanakumar Pandiarajan is 20 years is also an International Taekwondo Player, he holds a black belt – 2<sup>nd</sup> Dan. Currently he plays for Goa State at National level and represents India at International level. He won Bronze medal in Lousofonia Games 2015 held at Goa State in Taekwondo. So far he has won 12 Gold medals, 15 silver medals and 7 Bronze medals in various competitions held at State level/ National level/ International levels. He has also been selected for the camp for South Asian Games 2016. Currently he is studying Bachelor of Physical Education (B.PEd) at Punjab University, Patiala (Punjab State).



My wife, P. Usha, and I are very proud of our son's achievements, we thank God for this. We also seek your good wishes for their future.



# Green Club Of IMS Goa



## 5th June World Environment Day Social Media Promotion By IMS Goa

**WORLD ENVIRONMENT DAY**

*There are no passengers  
in the ship called Earth  
We are all crew*



Society for Industrial & Technical Education of Goa's  
**INSTITUTE OF MARITIME STUDIES**

# Exposition Of CO2 Emissions From Ship

Cadet. Surya Charan Nagachandra Ramu Pandirapalli (14GE1198)



## ABSTRACT

Excess CO<sub>2</sub> in the air makes the greenhouse effect stronger and in turn rises the average temperature of earth's atmosphere and ocean's causing global warming and related consequence, hence the reduction of CO<sub>2</sub> emission has been the key targets since IMO's MEPC published its findings 2009. A number of measures resulting in technical and operational reductions were made 'mandatory' in 2011, among these and nearly all new build ships have to conform to EEDI. This provides a method of establishing the minimum efficiency of new ships depending on the type and size.

This paper will give a complete description about the statistics of consequences led due to the excessive CO<sub>2</sub> in the atmosphere, published results related to CO<sub>2</sub> emissions from ships of MEPC 2009 findings, and application of EEDI to reduce CO<sub>2</sub> emissions.

## INTRODUCTION

Melting glaciers, rising sea levels, depleting forests and reducing wild life are the evident of climate changes according to are mainly due to the human activities such as deforestation and burning fossil fuels which increase the concentration of greenhouse gases. Excessive carbon dioxide in the air makes the greenhouse effect stronger and in turn rises the average temperature of earth's atmosphere and ocean's causing global warming and related consequences.

## GLOBAL WARMING

It's the usually rapid increase in earth's average surface temperature over the past century primarily due to greenhouse gases released as people burn fossil fuels.

Earth's temperature begins with the sun, roughly 30% of incoming sunlight is reflected back into space by bright surfaces like clouds and ice of the remaining 70% most is absorbed by the land and ocean, and rest is absorbed by the atmosphere. The absorbed solar energy heats our planet as the rocks. The air, the seas warm, they radiate "heat energy (thermal infrared) from the surface, this energy travels into the atmosphere where much of it's absorbed by water vapor and long lived greenhouse gases such as carbon dioxide and methane.

When they absorb the energy radiating from earth's surface, greenhouse gas molecules turn into tiny heaters (like the bricks in fire place) they radiate heat even after the fire goes out. They radiate heat in all directions the energy that radiate back towards earth heats both lower atmosphere and the surface this absorption and radiation of heat by the atmosphere is known as the Natural greenhouse effect, it's beneficial for life on earth, if there were no greenhouse effect earth's average surface temperature would be a very chilly -18 centigrade instead of the comfortable 15 centigrade that it's today. The atmosphere today contains more greenhouse gas molecules so more of the infrared energy emitted by the surface ends up in being absorbed by the atmosphere since some of the extra energy from a warmer atmosphere radiates back down to surface earth's surface temperature rises.

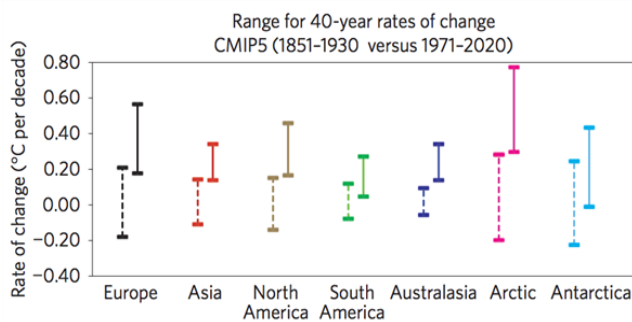
# Exposition Of CO<sub>2</sub> Emissions From Ship

Cadet. Surya Charan Nagachandra Ramu Pandirapalli (14GE1198)

## 1.1.2. STATISTICS

Researchers compared how temperature varied over 40 year periods in the past, present and future, and concluded that the earth is entering a new “regime” of rapid temperature change we already locked into fast paced changes in the near future because of past emissions the researchers say.

The following figure shows the regional rates of surface temperature change per decade .



Range of past (1851-1930), dashed lines and near future (1971-2020), solid lines, bars show the range of climate model results, based on emission scenario RCP4.5 source : smith et al(2015).

## SEA SURFACE TEMPERATURE

The surface temperature of world’s oceans varies mainly with latitude, with the warmest waters generally near the equator and the coldest waters in arctic and Antarctic regions. As the oceans absorb more heat sea surface temperature will increase and ocean circulation patterns that transport warm and cold water around the globe will change.

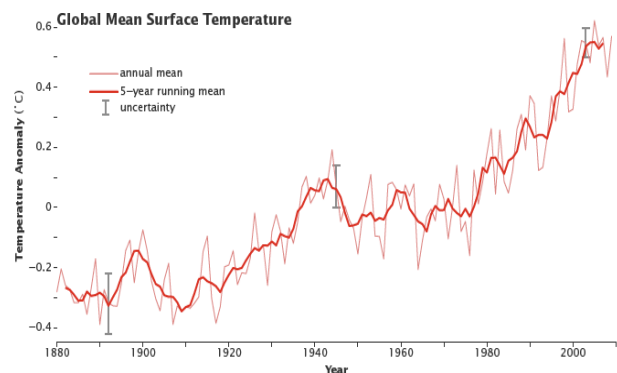
## EFFECTS

Variations in ocean temperature can effect what species of plants and animals are present in locations alter migrations and breeding patterns, over the long term, increases in sea surface temperature could also be reduce the circulation patterns that bring nutrients from the deep sea to surface water, change in reef habitat and nutrient supply can lead to declines in fish populations, which in turn could affect people who depend on fishing for food or jobs. Changes in sea surface temperature can increase the risk of heavy rain and snow, these can also shift storm tracks potentially contributing to draughts in some areas. These are specially causing tropical cyclone(violent tropical storm ).

In tropical region these are very dangerous for survival of marine crew safety of ship and cargo onboard.

The data are shown as Anomalies or differences, compared with the average sea surface temperatures from 1971 to 2000. Sea surface temperature increase over the 20<sup>th</sup> century continues to raise from 1901 through 2012 temperature to an average rate of 0.13 °F per decade.

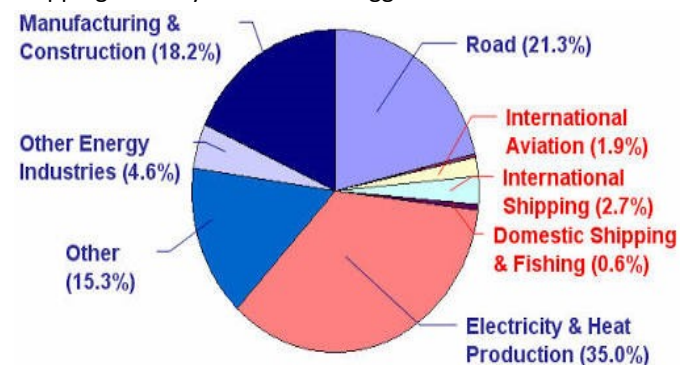
The figure shows average global sea surface temperature, 1880-2012



Data Source: NOAA, 2013

## CO<sub>2</sub> EMISSIONS FROM SHIP- PING INDUSTRY

Shipping industry is one of the biggest contributor of the



greenhouse gases and thus plays apart in global warming. Its contribution is comparable to the co<sub>2</sub> emission from a country like Germany. According to IMO’s second greenhouse gas study shipping is measured to have emitted 1046 million tons of co<sub>2</sub> during 2007.

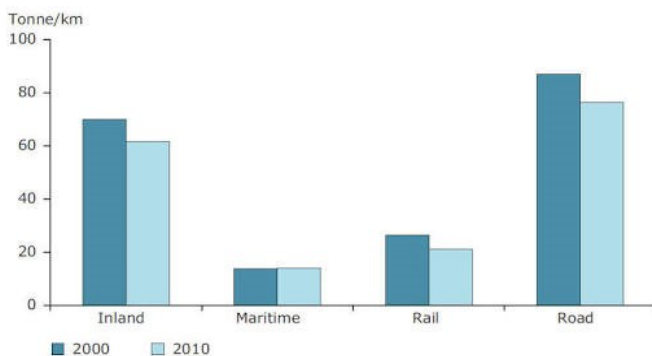
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Even though CO<sub>2</sub> emissions from ships accounts for 3% of the global emissions it is by far most efficient mode of commercial transport as a cargo vessel of < 8000DWT emits only 15 grams of CO<sub>2</sub> per ton-km comparing 50g/t-km of heavy truck and 540g/t-km of airfreight.

## IMO'S FINDINGS

According to IMO's findings in the absence of policies as a



result of growth in shipping Emissions of CO<sub>2</sub> from international shipping may grow by a factor of 2-3% as compared to the emissions of 2007(1046 million tons of CO<sub>2</sub>), which is projected as 12-18% of global total emissions in 2050. It also states that without any policies being enforced this will lie between 6-22% (925-1058Mt of CO<sub>2</sub> emissions) in 2020 than that of 2007.

They also found that substantial rise of CO<sub>2</sub> emission in shipping from 2000 to 2010 and reduction in CO<sub>2</sub> emissions from other sectors. Now they decided that this is the time to act on the CO<sub>2</sub> emission (take considerable measures to reduce CO<sub>2</sub> emissions in shipping sector).

## 3. CONTROL MEASURES

### 3.1. DEVELOPMENT OF EMISSION INDEX IN IMO

On 62<sup>nd</sup> MEPC session new regulation was adopted which was the first global CO<sub>2</sub> emission control index in the shipping industry. The amendments to MARPOL annexure VI regulations for prevention air pollution from ships added a new chapter 4 to annexure VI on regulation on energy efficiency for ships to make mandatory energy efficiency design index (EEDI) for new ships Ship energy efficiency management plan (SEEMP) for all ships. The applications of the EEDI remains non mandatory but it has been included in the ship energy efficiency management plan as a possible index to verify and measure its effectiveness.

While IMO decided not to use the EEDI indicator as a basis for regulation.

### 3.2. EEDI

The Energy efficiency design index (EEDI) was formally adopted by the IMO in July 2011 and applies to new ship built from 2013 onwards. Its non prescriptive performance based tool that allows ship designers and builders to choose from various available cost effective technologies that can be used for a specific ship design. The EEDI provides a specific figure for an individual ship design expressed in grams of CO<sub>2</sub> per ship's capacity mile (smaller value indicates better efficiency).

The formulation taken into account ship's emissions capacity and speed .there is a reference and the attached EEDI value should be less than this.

#### 3.2.1. FORMULATION

The basis of creating the index is to represent CO<sub>2</sub> efficiency of ship at design point.

$$EEDI = \frac{CO_2 \text{ emission}}{\text{transport work}}$$

$$EEDI = \frac{CO_2(ME) + CO_2(AE)}{CAPACITY \times V_{ref}}$$

CO<sub>2</sub>(ME) = CO<sub>2</sub> emissions from the main engine

CO<sub>2</sub>(AE) = CO<sub>2</sub> emissions from the auxiliary engine

CAPACITY = dead weight in tones

V<sub>ref</sub> = reference speed in knots

The main engine and auxiliary engine emissions can be calculated and formulated by the following.

$$EEDI = \frac{P \cdot SFC \cdot C_f}{DWT \cdot V_{ref}}$$

P = produced power

SFC = specific fuel consumption

C<sub>f</sub> = carbon conversion factor

Units = grams/ton-NM

# Exposition Of CO<sub>2</sub> Emissions From Ship

Cadet. Surya Charan Nagachandra Ramu Pandirapalli (14GE1198)

## 3.3. SEEMP & EEOI

July 2009 MEPC SESSION 59, CIRC683 made mandatory need of SEEMP on board, June 2005 MEPC53, CIRC471, made mandatory use of EEOI on board

The ship energy efficiency management plan (SEEMP) is an operational measure that establishes a mechanism to improve the energy efficiency of a ship in a cost effective manner. The SEEMP also provides an approach for shipping companies to manage ship and fleet efficiency performance over time using, for example, the energy efficiency operational indicator (EEOI) as a monitoring tool. The guidance on the development of the SEEMP for new and existing ships incorporates best practices for fuel efficient ship operation, as well as guidelines for voluntary use of the EEOI for new and existing ships.

The EEOI enables operators to measure the fuel efficiency of a ship in operation and to gauge the effect of any changes in operation, e.g. improved voyage planning or more frequent propeller cleaning, or introduction of technical measures such as waste heat recovery systems or a new propeller. The SEEMP urges the ship owner and operator at each stage of the plan to consider new technologies and practices when seeking to optimize the performance of a ship.

## 4. IMPROVEMENT GUIDELINES TO ASSIST IN THE IMPLEMENTATION OF THE MANDATORY REGULATION ON ENERGY EFFICIENCY FOR SHIPS IN MARPOL ANNEX VI

1. 2012 guidelines on the method of calculation of the attained energy efficiency design index (EEDI) for new ships, resolution MEPC.212 session63
2. 2012 guidelines for the development of a ship energy efficiency management plan (SEEMP), resolution MEPC.213 session63
3. 2012 guidelines on survey and certification of the energy efficiency design index (EEDI), resolution MEPC.214 session 63
4. guidelines for calculation of reference lines for use with the energy efficiency design index (EEDI), resolution MEPC.215 session63

## 5. ACHIEVED RESULTS

Average CO<sub>2</sub> emissions per container per kilometer for global ocean transportation routes have declined by 8.4 % from 2013 to 2014 and by more than 29% since 2009, according to BSR clean cargo working group (CCGW) annual report for 2015.

## 6. CONCLUSION

Hence control of CO<sub>2</sub> emissions are vital importance for this globe and to maintain proper greenhouse effect, precautions taken by the IMO in way of 2012 guidelines had yielded a good results, but our mariner should be very strict in this control of CO<sub>2</sub> emissions, at the end of 2020 we have to reduce the CO<sub>2</sub> emissions as per the MEPC62 reference line.

"IT IS OUR PRIME RESPONSIBILITY TO KEEP OUR EARTH GREENLY SEA CALMLY AND OUR LIVES SAFELY".

## 7. FUTURE WORK

The researchers are doing research on propeller relocation to minimize EEDI, They are also working on increasing the propeller diameter together with low rotational speed reduces the axial and rotational losses there by propulsive efficiency can be improved..

The work can be continued by choosing the optimum P/D ratio as demonstrated in the experiments done by the leading manufacturer MAN-B&W. and in a research work done at chalmers university by knutssonetal with large area propeller which resulted in considerable increase of propulsive efficiency.

## 8. REFERENCES

1. [www.eea.europa.eu/images](http://www.eea.europa.eu/images)
2. Third IMO gas study 2014, July 2014
3. Second IMO GHG study 2009
4. UNITED STATE ENVIRONMENTAL PROTECTION AGENCY
5. EUROPE MARINE SAFETY AGENCY
6. HISTORIC BACKGROUND OF EMISSION REGULATIONS, IMO.
7. IMO GUIDELINES FOR VOLUNTARY USE OF THE SHIP ENERGY EFFICIENCY OPERATIONAL INDICATOR

# Blood Donation Camp 2

Blood donation camp was organised on 10 Oct 2015, by Lions Club of Dabolim at Institute Of Maritime Studies In Association With GMC Blood Bank, Goa.





## Live Fire Drill 2







## New Initiatives In Training

### Staunchions and Jig for Pilot Ladder

Jig for pilot ladder training was created and installed by workshop staff Mr Vivek G. Pai, Mr. Dipak Mhalsekar, Mr. Sunil Devkar along with students.



### Installation of Hackshaw and Drilling Machines in IMS Workshop

Hackshaw and Drilling machines were purchased and installed in Workshop to enhance training. Creation of foundation and installation was done by workshop staff Mr. Vivek G. Pai, Mr. Gokul Krishnan, Mr Dinesh Shirodkar along with students





## New Initiatives In Training



### Jig for Stuffing Box

Jig to dismantle and inspect Main Engine Stuffing Box was fabricated by workshop staff Mr. Vivek G. Pai, Mr. Dipak Mhalsekar, Mr. Gokul Krishnan along with students.

### Jig for Crosshead and Guide Shoe

Jig for inspection of Main Engine Crosshead and Guide Shoe clearances was created and installed by workshop staff Mr. Vivek G. Pai, Mr. Jose Punnose, Mr. Dipak Mhalsekar along with students



# When You Live With Officers

**Cadet. Rosmon Menezes (13DE1131)**



It was about a year before joining IMS when my friend (Alith D'Souza) and I had come to IMS administration office for the first time to enquire about this institute. We had just entered, and we both were taking a look at the list of selected students for that particular year displayed on a notice board. When suddenly from behind we heard a voice calling " YES GENTLEMEN?? ANY PROBLEM??" we both looked behind to see who is this man calling us as gentleman, when we were actually dressed informal wearing dirty shaded jeans, a t-shirt and torn sandals. We were not even groomed properly: we had not shaved, had long hair not combed properly and my posture even was not straight. But still this man called us gentleman and he was very well dressed like one.

Then the enquiry started. We told him that we had plans to join this institute and we had some questions to be answered regarding this institute. And woah!!! The way he answered all the questions, in such a gentleman style, we both found him impressive. At last we took his name & contact no. and since then we knew him as Mr. D.B. Shah (The Deputy Director of IMS). On that particular day, a taught process started in my mind- " can i be a gentleman too???" and if so who will teach to be like one???"

Then later after our completion of diploma course we paid several visits to the institute with even more questions which all were answered by another gentleman who back then was the other Deputy Director of IMS (the current Director of IMS) Mr. M. C. Asthana. Seeing this gentleman's respectful way of communicating I said to myself someday I wish to have talking skills like him. I still do, but I don't think I'll ever be able to match up with that standard. But his skill was and still remains as one of my targets to achieve.

So, after joining the institute expecting that someone will be there who will teach us to be like gentleman came a big surprise of strict disciplinary rules we had to follow to survive in the hostel. Had a hard time in the beginning for several months, our seniors would maintain strict discipline; take disciplinary actions against us if we were not disciplined enough. I personally hated my seniors for being too strict at first. Even started to hate the institute for not enough freedom given to us, felt like we are in some kind of a jail we have to live in.

But as time passed by, without realizing, changes were taking place in my life. The changes that I learnt were taking care of my self, taking responsibility for myself and my own actions, learning how to manage time for all the activities etc.. These were not noticed by myself, but it was my parents who started to see me as a different person and talked to me in much more respectful manner as compared to the time before joining IMS. So, it was then when I realized that good changes are taking place in my life. Understanding the late changes, I then started to admire my seniors for it was the discipline that had brought upon the change and we started to know each other more and more.

# When You Live With Officers

Cadet. Rosmon Menezes (13DE1131)

Knowing most of them through communications I found many of them had come up through a lot of difficulties and hardships in life and they were hard working seniors. Deep down inside I started to get motivated by listening to them, I also started to repent a little for thinking negative about them being too strict at times when instead I found from inside they were all good by heart.

Observing our seniors day by day I saw how good they were to others as well. We had seniors that I saw giving their one time special fruit we get in institute for lunch as per seasonal availability, to the working ladies that came every day to clean our hostel, seniors that I saw contributing something to the poor people on the streets, seniors that I saw giving a helping hand to strange old people outside the institute, seniors that showed care for their juniors (us) by coming to their rooms and asking if there's any problem that they were facing, seniors that helped their juniors when they would find something difficult to study, seniors that would stand up for their juniors for the right reasons or problems so it could be put forward in front of the management in the right way, seniors that behaved as a unit a team of friends (batch mates) that had fun and respected each other a lot, seniors that would tell us that we have to learn to enjoy life along with being responsible etc. etc. etc.....Observing them of course, I knew I have to achieve all the goodness I learned from them someday to convert myself into a good officer / gentlemen. When our seniors left we knew we had a responsibility to carry forward.



The institute plays a big role itself by conducting events, tasks and having busy schedule of activities always, that give an opportunity to every student to seek a certain responsibility so he could learn from it and also achieve qualities that each doesn't have. It helps to shape our lives. And each student is happy to seek any responsibility as they know this is the final platform they get to be confident and learn to be responsible in life. As we know that if we are not ready now, we are not sure we will ever be. All the teachers of the institute along with their excellent teachings about the subject matter, also share their life experiences with us from their past about what can help us to achieve success so we can learn and take advice to be good behaved, confident and successful officers in future.



# When You Live With Officers

Cadet. Rosmon Menezes (13DE1131)



**IMS - The Institute That Produces Gentleman Like Officers**

Having said that about my seniors and the institute, I will never forget about the good things I learned from my own batch mates. Qualities 1) to represent your team as a leader, 2) to have managing skills, 3) to laugh a loud on jokes such that others can hear u and laugh as well, 4) to having ample patience in life, 5) to keep smiling in life, 6) to be able to crack good jokes, 7) to keep quiet when friends tease for having looks like an alien just so all can smile and laugh, 8) to be a person having ample care for his parents, 9) to know how to make friends, 10) to be technically smart in life, 11) to be the best sportsman and to have understanding on why enjoying life is necessary, 12) to be able to crack silliest jokes, 13) to be respectful to all, 14) to be simple and likeable in life, 15) of a good philosopher and having good knowledge about politics / history, 16) to know how to maintain relationships, 17) to know how to respect someone as an elder brother, 18) to speak friendly and funny back fires to responses, 19) of an emotional person with feelings and also to be able to take initiative in doing what's right, 20) of understanding about of his responsibilities towards his family, 21) to act a little lazy when you get too tired, but be alert as well at the same time, 22) to sing like a great singer, 23) to be respectful to his religion and also to be able to talk quickly, 24) to be able to think and make quick decisions, 25) to be able to behave like kids to be likable among all, 26) to be able to do comedy and be daring in life for the right, 27) to have creative vision and to be able to spread any latest news/ gossip to all, 28) to keep a perfect balance between enjoyment and responsibility, 29) to be hard working and to have ability to stay awake hole night to study, 30) to be able to talk smartly while talking to anyone and 31) quality of innocence. Grasping a little of each could help anyone achieve anything in life and I'm lucky that they all exist with my batch mates from whom I can learn everyday.

A personal incident that happened several months back and keeps repeating is that whenever I go home during Sundays to have my mother's food I always end up serving myself unknowingly only 2 pieces of the delicious chicken dish which she cooks when I know before I used to serve at least 5-6 pieces every time without having any concern for others. When u live with officers like students, u eventually start to live like one. This Institute and people involved (staff and students) have improved me a lot as a person today. Now that we have reached to the end of course I believe I have converted myself into at least 55% gentleman from the 20% gentleman that I was earlier before joining this institute. All thanks to this Institute .

# Governing Council Meeting - 23.11.2015



**Seated from left to right:** Shri. Satish Palekar, Shri. S. D. Patil, Capt. Rajesh Tandon, Shri. A.S. Tambwekar, Shri. M.C. Asthana, Shri. Ashok Chowgule, R. Adm. Shekhar Mital, Shri. C. Dayal, Shri. K. Sasindran, Shri. Rajnish Roy Chowdhury, Shri. B. S.Mathur, Shri. Christopher D'Souza, Shri. Deepu Kishinchandani



Capt. Rajesh Tandon, Shri. A.S. Tambwekar,  
Shri. M.C. Asthana



Shri. M.C. Asthana, Shri. Ashok Chowgule, R.  
Adm. Shekhar Mital



Shri. Ashok V. Chowgule, R. Adm. Shekhar Mital, Shri. C. Dayal, Shri. K. Sasindran

# List of IMS Governing Council Members - 2015

Sr.	Name	Company	Designation
1	R. Adm. Shekhar Mital	Chairman & Managing Director, Goa Shipyard Ltd.	CHAIRMAN
2	Shri. Ashok Chowgule	Executive Director, Chowgule & Co. Ltd.	Member
3	Shri D.V. Salgaocar	Managing Director, V.M. Salgaocar & Bro. Ltd.	Member
4	Shri. Shrinivas V. Dempo	Chairman & Managing Director, Esmeralda Dempo Group of Companies.	Member
5	Shri. Vishal Sharma	General Manager- Shipping, Sesa Goa Ltd.	Member
6	Shri K. Sasindran	Proprietor, Marine Electrical Agencies	Member
7	Shri. A. R. Rao	Head-Yard, Western India Shipyard Ltd.	Member
8	Shri. Cyril George	Chairman, Mormugao Port Trust.	Member
9	Shri. D. Mehrotra	President, IME (I)	Member
10	Capt. Vinay Singh	Managing Director, Anglo Eastern Ship Mgt. (I) Pvt. Ltd.	Member
11	Shri. Christopher D'Souza	General Manager, Wilhelmsen Ship Management (I) Pvt.	Member
12	Capt. Rajesh Tandon	Managing Director, V Ships India Private Limited.	Member
13	Shri. Deepu Kishinchandani	General Manager, BW Maritime Pte. Ltd.	Member
14	Capt. Anindya A. Dasgupta	VP, Human Capital, Campbell Shipping Pvt. Ltd.	Member
15	Shri. Adivappa C. Kamble	Unit Head, South West Port Ltd	Member
16	Shri. H. R. Venkatesh	Director, Adani Mormogoa Port Terminal Ltd.	Member
17	Shri A.S. Tambwekar	Ex-Director, Institute Of Maritime Studies, Goa.	Member
18	Shri. Gopal Midlagajni	Principal, Institute of Shipbuilding Technology, Goa	Member
19	Shri. B. S.Mathur	Ex-Director, Institute Of Maritime Studies, Goa.	Member
20	Shri. M.C. Asthana	Director, Institute Of Maritime Studies, Goa.	Secretary

# 2013 - 2015 DME Passing Out Batch



## Names in each row from left to right

**Row 1 sitting (Staff):** Mr. R Pandiyarajan (Warden), Mr. Ramchandra (Warden), Mr. Vivek G. Pai (Workshop Supdt), Mrs. Bhakti B. Khadapkar (Sr. Office Assistant), Mr. Tanuj Kumar (Asst. Director), Lt. Cdr. K.V. Unnikrishnan (Asst. Director), Mr. Ajay .A. Tambwekar (Dy. Director), Mr. M. C. Asthana (Director), Mr. Dipak B. Shah (Dy. Director), Mr. Sunay P Pai (Sr. Training Officer), Mr. Prashant K. Fadte (Sr. Training Officer), Mr. Jose Punnose (Sr. Training Instructor), Mr. Naresh V. NaiK (Administration and Accounts Officer), Mr. G. Anand Kumar (Sr. Training Instructor), Mr. Satyavir Singh Yadav (Warden)

**Row 2 sitting (Staff):** Mr. Abdul K. Bepari (Sr. Peon), Mr. Prakash Naik (Sr. Training Instructor), Mr. Premal R. Desai (Sr. Training Instructor), Mr. Rohan Shirodker (Sr. Training Instructor), Mr. Sanket Faldesai (Training Instructor), Mr. Sunil Shivsharan (Training Instructor), Mr. Nilesh S. Sawant (Lecturer), Mr. Sudesh S. Gaonker (Sr. Training Instructor), Mr. Viraj V. Satoskar (Accounts Assistant), Mr. Sunil P. Devkar (Welding Instructor), Mr. Dipak Mhalsekar (Sr. Training Instructor), Mr. Gokul Krishnan (Training Instructor), Mr. Dinesh S. Shirodker (M/C Attendant cum Storekeeper), Mr. Raghunath S. Dicholkar (Sr. Peon).

**Row 3 standing (Cadets):** 13DE1145 Cdt. Christopher M. Fernandes, 13DE1132 Cdt. Gandharv Lavu Shet Dessai, 13DE1144 Cdt. Swapnil Tukaram Karanjekar, 13DE1142 Cdt. Sahil Arora, 13DE1126 Cdt. Mahesh Rama Velingkar, 13DE1119 Cdt. Tanvesh Ashok Nagvenker, 13DE1120 Cdt. Clizen Alston Fernandes, 13DE1134 Cdt. Akshay Ashok Dessai, 13DE1129 Cdt. Ehren Rodrigues, 13DE1137 Cdt. Gauresh Abhimanyu Sawant, 13DE1131 Cdt. Rosmon Menezes, 13DE1121 Cdt. Shrey Manohar Mandrekar, 13DE1136 Cdt. Nilesh Suresh Chavan

**Row 4 standing (Cadets):** 13DE1138 Cdt. Swapanesh Vithoba Desai, 13DE1123 Cdt. Navin Hegde, 13DE1116 Cdt. Vinil Umesh Salgaonkar, 13DE1147 Cdt. Rahul Mohandas Naik, 13DE1140 Cdt. Krishna Hiralal Pal, 13DE1124 Cdt. Cripson Cruz Coutinho, 13DE1133 Cdt. Vinayak K. Kushawaha, 13DE1128 Cdt. Vinay Vithal Dessai, 13DE1139 Cdt. Sanio Fernandes, 13DE1117 Cdt. Govindaraja Chandran Nadar

**Row 5 standing (Cadets):** 13DE1141 Cdt. Jeet Shrikant Assolkar, 13DE1118 Cdt. Ramnarayan Abhiram Singh, 13DE1130 Cdt. Aashish Kumar, 13DE1135 Cdt. Rohan Ravindar Naik, 13DE1143 Cdt. Alvin Savio Nunes, 13DE1127 Cdt. Chakra Bahadur Bum, 13DE1146 Cdt. Rohan Rajendra Naik, 13DE1122 Cdt. Alith Alwyn D'Souza, 13DE1125 Cdt. Akshay Kashinath Dessai



# 2014 - 2015 GME Passing Out Batch



## Names in each row from left to right

**Row 1 sitting (Staff):** Mr. R Pandiyarajan (Warden), Mr. Ramchandra (Warden), Mr. Vivek G. Pai (Workshop Supdt), Mr. Prashant K. Fadte (Sr. Training Officer), Mr. Tanuj Kumar (Asst. Director), Lt. Cdr. K.V. Unnikrishnan (Asst. Director), Mr. Ajay .A. Tambwekar (Dy. Director), Mr. M. C. Asthana (Director), Mr. Dipak B. Shah (Dy. Director), Mr. Sunay P Pai (Sr. Training Officer), Mrs. Bhakti B. Khadapkar (Sr. Office Assistant), Mr. Jose Punnose (Sr. Training Instructor), Mr. Naresh V. Naik (Administration and Accounts Officer), Mr. G. Anand Kumar (Sr. Training Instructor), Mr. Satyavir Singh Yadav (Warden)

**Row 2 sitting (Staff):** Mr. Abdul K. Bepari (Sr. Peon), Mr. Prakash Naik (Sr. Training Instructor), Mr. Premal R. Desai (Sr. Training Instructor), Mr. Sunil Shivsharan (Training Instructor), Mr. Sanket Faldesai (Training Instructor), Mr. Rohan Shirodker (Sr. Training Instructor), Mr. Nilesh S. Sawant (Lecturer), Mr. Sudesh S. Gaonker (Sr. Training Instructor), Mr. Sunil P. Devkar (Welding Instructor), Mr. Viraj V. Satoskar (Accounts Assistant), Mr. Dipak Mhalsekar (Sr. Training Instructor), Mr. Gokul Krishnan (Training Instructor), Mr. Dinesh S. Shirodkar (M/C Attendant cum Storekeeper), Mr. Raghunath S. Dicholkar (Sr. Peon).

**Row 3 standing:** 14GE1215 Cdt. Sumit Srivastava, 14GE1213 Cdt. Siva Konda, 14GE1206 Cdt. Sonu Raj Thekkumkudy, 14GE1223 Cdt. Sai Prasad Kalliad Thazhathuveetil, 14GE1200 Cdt. Dattatray Babanrao Lingse, 14GE1188 Cdt. Ishan Sharma, 14GE1199 Cdt. Aman Mahajan, 14GE1193 Cdt. Gauresh Harishchandra Shetgaonkar, 14GE1204 Cdt. Balal Afzal, 14GE1198 Cdt. Pandirapalli Naga Chandra Ramu, 14GE1218 Cdt. Sachin Ranpatia, 14GE1194 Cdt. Rahul, 14GE1171 Cdt. Asif Hanif Shaikh, 14GE1178 Cdt. Sarthak Sharma, 14GE1163 Cdt. Nitish Satish Gaitonde, 14GE1180 Cdt. Rahul Barber, 14GE1158 Cdt. Harmish Jayantibhai Mistry, 14GE1173 Cdt. Raviraj Rajendra Mandrekar, 14GE1154 Cdt. Krishnraj Shabaji Chodankar, 14GE1174 Cdt. Tejash Ramesh Saparia, 14GE1161 Cdt. Amit Pokhariyal, 14GE1184 Cdt. Divyansh Sharma, 14GE1166 Cdt. Shrinivas Mahesh Deshmukh, 14GE1216 Cdt. Amit Himmatbhai Sheladiya

**Row 4 standing:** 14GE1205 Cdt. Abhishek Omkaar Gouni, 14GE1212 Cdt. Rochak Kumar, 14GE1211 Cdt. Ishan Gupta, 14GE1220 Cdt. Ikreet Singh, 14GE1197 Cdt. Tarun Kukreti, 14GE1186 Cdt. Mulla Kamran Nazim, 14GE1209 Cdt. Saurabh Prabhakar Choudhary, 14GE1192 Cdt. Vishwanath Appana, 14GE1151 Cdt. Bonnym Bernard D'Mello, 14GE1149 Cdt. Vikramsimha Reddy Yeddula, 14GE1207 Cdt. Kiran Vilas Pavaskar, 14GE1165 Cdt. Jovan Francis Barretto, 14GE1222 Cdt. Sagar Shankar Sabale, 14GE1187 Cdt. Floyd Anthony Francis Alfonso, 14GE1150 Cdt. Baljit Saini, 14GE1168 Cdt. Nikhil Mishra, 14GE1182 Cdt. Shabarinath Karusala, 14GE1176 Cdt. Sunil Laxman Goudar, 14GE1203 Cdt. Charudatta Vilas Birje, 14GE1217 Cdt. Pramod Honnappa Kori

**Row 5 standing:** 14GE1210 Cdt. Deependra Tiwari, 14GE1208 Cdt. Subhash Saran, 14GE1155 Cdt. Naveen Malayam Bharathi, 14GE1164 Cdt. Naresh Koodur Narayanan, 14GE1190 Cdt. Rohan Dayanand Naik Gaonker, 14GE1160 Cdt. Omkar Salgaokar, 14GE1148 Cdt. Avino Colaco, 14GE1152 Cdt. Daryai Lal, 14GE1169 Cdt. Venkat Reddy Yeddula, 14GE1162 Cdt. Neeraj Jagdish Khare, 14GE1156 Cdt. Shubham Sachan, 14GE1214 Cdt. Sai Jatin Ravuru Akkala

**Row 6 standing:** 14GE1191 Cdt. Ashish Kumar Chauhan, 14GE1201 Cdt. Jugal Pereira, 14GE1189 Cdt. Harshavardhan Pitta, 14GE1219 Cdt. Joshnie J Rodrigues, 14GE1177 Cdt. Vishnuvardhan Reddy Yeruva, 14GE1196 Cdt. Akshay Kumar Rajbali Pal, 14GE1202 Cdt. Romin Kumar, 14GE1221 Cdt. Vivek Kumar, 14GE1195 Cdt. Nikhil Katna, 14GE1170 Cdt. Nitin Pratap Singh, 14GE1172 Cdt. Ronakkumar Ramchandrabhai Tandel, 14GE1179 Cdt. Sourabh Shivraj Akole, 14GE1159 Cdt. Abhay Singh Yadav, 14GE1185 Cdt. Rikin Raj Muppath, 14GE1167 Cdt. Ashwin Sekhar, 14GE1153 Cdt. Ranjot Singh Bajwa, 14GE1175 Cdt. Jadvinder Singh, 14GE1183 Cdt. Elwyn Hilario Francis Rebello, 14GE1157 Cdt. Stalson Nikhil Fernandes, 14GE1181 Cdt. Nitish Awasthi.

# Passing Out Function Of 13DME & 14GME



Chief Guest Capt. Rajesh Tandon inspecting the Guard of Honour.



Chief Guest Capt. Rajesh Tandon receiving the salute of the passing out Cadets



RAdm. Shekhar Mital, Chairman SITEC giving his welcome address.

# Passing Out Function Of 13DME & 14GME



Cadet **Floyd Alfonso** receiving prize for the **Best Marine Engineer and Shipmate**, consisting of a treasury of Technical Books worth Rs. 5000/- and a rolling trophy is awarded by **Wilhelmsen Ship Management (I) Pvt Ltd**



Cadet **Floyd Alfonso** receiving prize for the **Best All Round Performance** in academics, sports and in the areas of discipline, leadership, aptitude and attendance. The prize consisting of a silver plaque and technical books is sponsored by **the Institute of Marine Engineers**.



Cadet **Omkar Salgaonkar** received prize for the **Most Promising Marine Engineer** consisting of a **Silver Medal** is sponsored by **V.M. Salgaocar Trust**.



Cadet **Rosmon Menezes** received prize for the **Best Marine Engineer and Shipmate**, consisting of a treasury of Technical Books worth Rs. 5000/- and a rolling trophy is awarded by **Wilhelmsen Ship Management (I) Pvt Ltd** **Rosmon Menezes**



Cadet **Swapnil Karanjekar** received prize for the **Best All Round Performance** in academics, sports and in the areas of discipline, leadership, aptitude and attendance. The prize consists of a silver plaque and Technical Books is sponsored by **the Institute of Marine Engineers**



Cadet **Ehren Rodrigues** received prize for the **Most Promising Marine Engineer** consisting of a **Silver Medal** is sponsored by **V.M. Salgaocar Trust**

## Passing Out Function Of 13DME & 14GME



Visiting faculty MR. Bhagwat Kumar received a silver plaque at the hands of Chairman, RAdm Shekhar Mital for guiding the students in achieving outstanding results in MEO Class IV A MED paper – 28 students had passed this paper in first attempt.



Mr. Sudesh Gaonkar received a citation and a cheque of Rs.5000/- In appreciation of his sincere efforts in curricular and co-curricular activities like taking the lead in Annual Cultural Day at the hands Chairman SITEG RAdm Shekhar Mital .



Sincere efforts of a faculty member, Mr. G Anand Kumar, were recognised for firmly bringing IMS up to date on the utilization of Internet in way of publicity, e-learning incorporating virtual classroom, digital library facility, online fee payment facility, streamlining admission facility, redesigning our web page and publishing of first IMS Magazine online . He was given a citation and a cheque of Rs.5000/- at the hands Chairman SITEG RAdm Shekhar Mital .



# Passing Out Function Of 13DME & 14GME



Slow march executed by Passing Out cadets to a salute given by junior batch



Group photo of 13DME with seated dignitaries



Group photo of 13DME with seated dignitaries

**Dignitaries seated from left to right:** Shri. Ajay .A. Tambwekar (Dy. Director, IMS Goa), Guest of Honour Shri. A. K. Jain (Vice President IMEI), Chief Guest Capt. Rajesh Tandon (M.D. V-Ships India Ltd.), RAdm. Shekhar Mital (Chairman, SITEG), Shri. M. C. Asthana (Director, IMS Goa), Shri. Dipak B. Shah (Dy. Director, IMS Goa).

***We Bid Farewell To 13DME and 14GME Batches, and Wish  
All Students Success In Achieving Their Goals.***

***At The Same Time We Look Forward To Welcome New  
Batches.***

## **BUILD A BRIGHT FUTURE**

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 Course starts : 1<sup>st</sup> December every year.  
 Admissions open : March every year.

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