



# INDIAN MARITIME UNIVERSITY

(A Central University under the Ministry of Shipping)

## ANNUAL REPORT 2015-2016





**भारतीय समुद्री विश्वविद्यालय**  
**INDIAN MARITIME UNIVERSITY**

**ANNUAL REPORT**

**2015 – 2016**



## **VISITOR**

**SHRI PRANAB MUKHERJEE**  
President of India

## **CHANCELLOR**

**Dr. V. KRISHNAMURTHY**  
*(Former CMD, BHEL, former CMD, SAIL, former CMD, Maruti Udyog Ltd.,  
former Chairman, National Manufacturing Competitiveness Council)*

## **VICE CHANCELLOR**

**Shri K. Ashok Vardhan Shetty**  
(from 02.01.2014 onwards)

## **REGISTRAR**

Shri C.Mohan (from 14.03.2014 to 02.06.2015 )  
Dr. P.Senthil Kumar (from 26.10.2015 to 09.12.2015 )  
Shri S.V.Durga Prasad  
(from 02.06.2015 to 25.10.2015 & from 10.12.2015 onwards)

## **FINANCE OFFICER**

Dr. G.Venkatesh (in-charge from 29.08.2014 onwards)

## **CONTROLLER OF EXAMINATIONS**

Shri S.V.Durga Prasad (from 05.02.2015 onwards )



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# **INDIAN MARITIME UNIVERSITY**

## **Annual Report 2015-16**

### **1. Introduction:**

1.1 IMU is a Teaching-cum-Affiliating University established by an Act of Parliament on 14<sup>th</sup> November 2008 to provide quality maritime education, training and research. It was created by merging 7 erstwhile Institutes:

1. Training Ship Chanakya, Mumbai;
2. Marine Engineering and Research Institute (MERI), Mumbai;
3. Marine Engineering and Research Institute (MERI), Kolkata;
4. Lal Bahadur Shastri Centre for Advanced Maritime Studies (LBSCAMSAR), Mumbai;
5. National Maritime Academy (NMA), Chennai;
6. Indian Institute of Port Management (IIPM), Kolkata; and
7. National Ship Design and Research Centre (NSDRC), Visakhapatnam.

Institutes no.1 to 4 were Central Government Institutes whereas Institutes no. 5 to 7 were 'Registered Societies'.

1.2 Prior to 14.11.2008, Institutes no.1 to 3 were undergraduate colleges. T.S.Chanakya was affiliated to Mumbai University for the 3-year B.Sc (Nautical Science) course and to IGNOU for the 1-year Diploma in Nautical Science (DNS) course. MERI, Mumbai was affiliated to Mumbai University for the 3-year B.Sc (Maritime Science). It was also offering the 1-year Graduate Mechanical Engineers (GME) course for converting Mechanical Engineers into Marine Engineers. MERI, Kolkata was affiliated to Jadavpur University for the 4-year B.Tech (Marine Engineering) course. Institute no.4 was a training institution offering

short-term Post-Sea training programmes to seafarers. Institutes no.5 and 6 were training institutions offering short-term programmes to Port officers. Institute no.7 was a research organization.

1.3 Headquartered in Chennai, IMU now has 5 Regional Campuses at Chennai, Kolkata, Mumbai, Visakhapatnam and Cochin. The 3 erstwhile institutes in Mumbai became the Mumbai Campus; the 2 erstwhile institutes in Kolkata became the Kolkata Campus; the erstwhile National Maritime Academy became the Chennai Campus of IMU; and the erstwhile National Ship Design and Research Centre became the Visakhapatnam Campus of IMU. Post-November 2008, 3 new Campuses were set up in Cochin in 2009, Kandla Port in 2011 and Karaikal in January 2014. The Karaikal Campus and the Kandla Port Campus were closed in November 2014 and March 2015 respectively as they were not found to be viable. IMU signed a MOU with the JSW group on 15.02.2016 by which the latter gifted 20 acres of land to IMU for starting a Maritime Institute in Jaigarh in Ratnagiri district in Maharashtra in the future.

## **2. Objectives of the University**

- (i) To facilitate and promote maritime studies, training, research and extension work with focus on emerging areas of studies like oceanography, maritime history, maritime laws, maritime security, search and rescue, transportation of dangerous cargo, environmental studies and other related fields and also to achieve excellence in these and connected fields and other matters connected therewith or incidental thereto.
- (ii) To promote advanced knowledge by providing institutional and research facilities in such branches of learning as it may deem fit and to make provisions for integrated courses in Science and other key and frontier areas of Technology and allied disciplines in the educational programmes of the University.

- (iii) To take appropriate measures for promoting innovations in teaching-learning process, inter-disciplinary studies and research; and to pay special attention to the promotion of educational and economic interests and welfare of the people of India.
- (iv) To promote freedom, secularism, equality and social justice as enshrined in the Constitution of India and to act as catalyst in socio-economic transformation by promoting basic attitudes and values of essence to national development and
- (v) To extend the benefits of knowledge and skills for development of individuals and society by associating the University closely with local, regional and national issues of development.

### **3. Authorities of the University**

- a) The Court
- b) The Executive Council
- c) The Finance Committee
- d) The Academic Council
- e) The Planning Board
- f) The Board of Affiliation and Recognition and
- g) The Boards of Schools.

### **4. Academic Programmes**

- 4.1 A peculiarity of the Maritime Disciplines is that there were no P.G or Doctoral Programmes before IMU was established. In Marine Engineering, Nautical Science and Ship Building & Repair which cover 95% of IMU's students, there are still no P.G or Doctoral Programmes.

4.2 After the creation of IMU on 14.11.2008, the following courses are being offered by IMU:

U.G Courses:

- a) 4-year B.Tech (Marine Engineering) was started in Mumbai and Chennai Campuses.
- b) 4-year B.Tech (Naval Architecture & Ocean Engineering) was started in Visakhapatnam Campus.
- c) 3-year B.Sc (Nautical Science) was started in Chennai Campus.
- d) 3-year B.Sc (Ship building & Repair) was started in Cochin Campus.
- e) 1-year Diploma in Nautical Science (DNS) was started in Kolkata, Chennai, Cochin, and the erstwhile Kandla Port and Karaikal Campuses.

P.G Courses:

- (a) 2-year M.Tech (Naval Architecture & Ocean Engineering) was started in Visakhapatnam Campus.
- (b) 2-year M.Tech (Dredging & Harbour Engineering) was started in Visakhapatnam Campus.
- (c) 2-year MBA (Port & Shipping Management) was started in Chennai and Cochin Campuses.
- (d) 2-year MBA (International Transportation & Logistics Management) was started in Chennai, Cochin and Kolkata Campuses.
- (e) 2-year L.L.M (Maritime Law) was started in Chennai Campus.

- (f) GME renamed as Post-graduate Diploma in Marine Engineering (PGDME) was started in Mumbai and Cochin Campuses.

#### Ph.D

Ph.D was started in Visakhapatnam Campus.

4.3 The various School Boards that were created by the University and are functioning at present are:

- a) School of Marine Engineering & Technology
- b) School of Nautical Studies
- c) School of Naval Architecture & Ocean Engineering
- d) School of Maritime Management
- e) School of Allied Studies
- f) School of Naval Studies
- g) School of Research Studies

The L.L.M (Maritime Law) Programme was discontinued with effect from the Academic Year 2014-15 as it was found to be non-viable and the School of Maritime Law was also abolished.

### **5. Online Common Entrance Test:**

5.1 All admissions to IMU's U.G and P.G programmes are done through an All-India Common Entrance Test (CET) conducted every year. A pass in the CET is mandatory as per the Act for any student to get admitted to IMU, even in an Affiliated Institute. This is true of even the candidates for DNS sponsored by shipping companies.

5.2 Three CETs – one for all the U.G programmes put together, another for the 2 MBA programmes, and a third for the 2 M.Tech programmes are held on the same day, usually in May-June. A separate CET is being held for the February batch of DNS.

5.3 Previously, IMU's CET used to be conducted in pen-and-paper mode. But in 2014, in a major shift, IMU switched over to Computer based (Online) CET [on the pattern of IIT-JEE, IIM-CAT, JIPMER, AIIMS, GRE, GMAT exams etc.] with the entire spectrum of activities right from the registration of applications to the payment of examination fee to the downloading of hall tickets to the conduct of the test and to the declaration of results being done online. About 16,694 candidates registered for IMU's CET which was conducted on 09.05.2015. The results of the CET were published on 13.05.2015.

## **6. Online Counselling**

6.1 While CET is mandatory, surrendering seats to IMU's Counselling by the Affiliated Institutes is voluntary as they are private, unaided colleges. This is as per the Supreme Court judgment in the *T.M.A.Pai Foundation case* (2002). 11 Affiliated Institutes voluntarily surrendered seats to IMU's Counselling in 2015.

6.2 IMU decided to switch over to Online Counselling from 2014 onwards so that the candidates need not come from all over India to IMU Headquarters at Chennai physically for the Counselling. In the past, this had caused enormous hardship to candidates and had resulted in avoidable dropouts. Even from the angles of transportation and lodging, 6000-plus candidates descending on Chennai within five days was a logistical nightmare. The Affiliated Institutes used to put up stalls and solicit candidates before they entered the Counselling centre and this wasn't a pleasant sight to watch. Online Counselling has obviated all these problems. Candidates exercise their options online entirely on their own without being solicited or pressurized by anybody. They get more time to make up their minds about the Course/Institute that they would like to join and also to change their minds a couple of times before the last date is over. Online Counselling is fair and transparent and no Affiliated Institutes can have scope to complain of any bias in the Counselling process such

complaints were very common in the past. Online Counselling reflects the true worth of the various institutes as seen through the eyes of candidates.

6.3 The following *Table* shows that Online Counseling in 2014 and 2015 drew better response than physical Counselling in the past.

Table-1

Year	Number of Students who Attended IMU's Counselling
2011	1045
2012	956
2013	1076
2014	1603
2015	1966

6.4 IMU's Online Counselling 2015 started on 20<sup>th</sup> May 2015 and concluded on 19<sup>th</sup> June 2015. The candidates who had passed IMU's CET 2015 for U.G programmes were required to choose online the Course(s) and also the IMU campus(es)/Affiliated Institute(s) they would like to join. The allotment of admissions was made automatically by the software based on the candidate's (i) rank in CET, (ii) Community, (iii) Options for Courses-cum-Institutes and (iv) availability of seats. The candidate was required to first pay a Counselling Fee of Rs.10,000 (non-refundable) to IMU in the manner prescribed before he could choose his Course(s)/Institute(s) online. This ensured that the candidates who came for Online Counselling were serious candidates. The admission letters to candidates were generated online automatically and sent to them by email. Hard copies were also sent by speed post.

## 7. **Affiliated Institutes:**

7.1 IMU is an affiliating university with 36 Affiliated Institutes as on 31.3.2016. The State-wise break-up is as follows:

Table-2

Tamil Nadu 10	Andhra Pradesh 1
Maharashtra 11	Andaman & Nicobar 1
New Delhi 4	Orissa 1
Uttar Pradesh 2	West Bengal 2
Kerala 2	Puducherry 2

7.2 The details of the various Affiliated Institutes are given below:

Table-3

Sl.No	Name of the College	Year of Affiliation	Name(s)of the Programme(s) offered
1	Anglo Eastern Maritime Academy, Mumbai	2009-10	DNS
2	Applied Research International, Delhi	2009-10	DNS
3	Aquatech Institute of Maritime Studies, Delhi	2009-10	DNS
4	B.P.Marine Academy, Mumbai	2009-10	DNS
5	C.V.Raman College of Engineering, Bhubaneswar	2009-10	DNS
		2009-10	B.Tech (ME)

6	Centre for Maritime Education & Training, Lucknow	2011-12	DNS
7	College of Ship Technology, Cochin	2010-11	B.Sc (SBR)
8	Cosmopolitan Technology of Maritime, Chennai.	2010-11	DNS
9	Coimbatore Marine College, Coimbatore	2011-12	B.Tech (ME)
		2012-13	B.Sc (NS)
10	Dr. B.R. Ambedkar Institute of Technology, Port Blair.	2009-10	DNS
11	Euro Tech Maritime Academy, Cochin.	2009-10	DNS
		2013-14	B.Tech (ME)
12	Great Eastern Institute of Maritime Studies, Mumbai	2009-10	DNS
13	Haldia Institute of Maritime Studies, Haldia.	2009-10	DNS
14	HIMT College, Chennai	2011-12	B.Tech (ME)
		2012-13	B.Sc (NS)
		2009-10	DNS
15	Hind Institute of Nautical Science & Engg, Noida.	2012-13	B.Sc (SBR)
16	International Maritime Institute, New Delhi.	2009-10	DNS
		2010-11	B.Tech (ME)
17	Maharashtra Academy for Naval Education and Training, Pune.	2015-16	B.Tech (ME)
18	Marine Officers Training Academy, Pondicherry.	2011-12	DNS

19	Maritime Foundation, Chennai.	2009-10	DNS
20	MMTI'S Education Trust, Mumbai	2009-10	DNS
21	Park Maritime Academy, Coimbatore.	2010-11	B.Tech (ME)
22	PerunthalaivarKamarajar Institute of Maritime Science &Engg., Chidambaram.	2010-11	DNS
23	RL Institute of Nautical Studies, Madurai	2015-16	B.Tech (ME)
24	RVS College of Matitime Science &Engg, Karaikal.	2011-12	DNS
25	Sailors Maritime Academy, Vizag	2009-10	DNS
26	Sairam Shipping Science College, Chennai	2011-12	DNS
27	Samundra Institute of Maritime Studies, Lonovola.	2009-10	DNS
		2010-11	B.Tech (ME)
28	Shipping Corporation of India (MTI)-Mumbai.	2009-10	DNS
29	Shipping Corporation of India (MTI)-Tuticorin.	2013-14	DNS
30	Southern Academy of Maritime Studies, Chennai.	2009-10	DNS
31	Sriram Institute of Marine Studies, New Delhi.	2009-10	DNS
32	Tolani Maritime Institute , Pune	2009-10	DNS
33	Training Ship Rahaman, Mumbai	2009-10	DNS

34	Trident College of Maritime , Kolkata	2009-10	DNS
35	Vishwakarma Maritime Institute, Pune	2011-12	DNS
36	YAK Education Trust, Mumbai	2009-10	DNS

Two new institutes – Maharashtra Academy of Naval Education and Training, Pune and RL Institute of Nautical Studies, Madurai - were granted affiliation during 2015-16.

### 8. Trend in Admissions:

8.1 The details of admissions to IMU’s Campuses and Affiliated Institutes from 2009-10 onwards are given in the Table below:

Table-4

2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16	
C	A	C	A	C	A	C	A	C	A	C	A	C	A
1361	2289	1222	2355	1353	2364	785	1928	982	1402	740	1198	804	1336
C- IMU Campuses						A – IMU Affiliated Institutes							

There has been almost 50% reduction in student admissions between 2009-10 and 2014-15. This is due to the prolonged recession/slowdown in the global shipping industry since 2009 which is yet to bottom out. However admissions to IMU Campuses have been relatively better in 2015-16.

8.2 The Programme-wise details of admissions to IMU Campuses are given in the Table below:

Table-5

Programme-wise details of admissions to IMU Campuses-2015-16			
S. No	Programme	Sanctioned Strength	No. of Candidates Admitted
<b>UG Programmes</b>			
1	Diploma in Nautical Science Leading to B.Sc (Applied Nautical Science)	190	78
2	B.Sc (Nautical Science)	305	201
3	B.Sc (Maritime Science)	40	14
4	B.Sc (Ship Building & Repair)	40	25
5	B.Tech (Marine Engineering)	366	325
6	B.Tech (Naval Architecture & Ocean Engineering)	40	35
<b>Total</b>		<b>981</b>	<b>678</b>
<b>PG Programmes</b>			
1	MBA (Port & Shipping Management)	60	14
2	MBA (International Transportation & Logistics Management)	90	50
3	M.Tech (Naval Architecture & Ocean Engineering)	20	8
4	M.Tech (Dredging & Harbour Engineering)	20	12
<b>Total</b>		<b>190</b>	<b>84</b>
<b>Grand Total</b>		<b>1171</b>	<b>762</b>

## **9. Streamlining of University's Finances:**

Till 2014-15, the fees and other charges collected by the various IMU Campuses were retained and spent by the Campuses themselves which was not good financial practice. The financially weaker Campuses used to request IMU Headquarters for assistance. Further, there was no standardization of accounts maintained across the Campuses. IMU's finances were streamlined with effect *from 1.8.2014:*

- (i) By directing that all fees and other charges collected by the Campuses during the preceding week should be transferred to IMU Headquarters every Monday morning
- (ii) By arranging for the automatic release of the grants due to a Campus on the first day of every month without the Campus having to make a claim
- (iii) By prescribing a standardized set of 6 accounts to be maintained both in IMU Headquarters and the Campuses and by closing all other accounts
- (iv) By creating a Campus Development Fund in every Campus and a University Development Fund in the Headquarters.

The new system is working very well and enables better supervision and monitoring of Campus receipts and expenditure by IMU Headquarters.

## **10. Administrative Reforms:**

A number of administrative reforms have been implemented including:

- (a) Delineation of the powers of Transfer of Faculty and Non-Teaching Staff
- (b) Development of guidelines for Deputation of IMU Staff to other organizations.

- (c) Creation of 66 Non-Teaching posts [over and above the 11 posts originally sanctioned] for IMU Headquarters out of IMU's own funds;
- (d) Adoption of the correct system of communal roster for Faculty appointments
- (e) Monthly meetings of Campus Directors, etc. for effective and transparent administration.
- (f) Performance Assessment Report (PAR) formats and instructions for the posts of Faculty, Campus Directors, Administrative Officers and subordinate officials of IMU.
- (g) A painstaking exercise of rationalising the legacy posts in the erstwhile 7 institutes that were merged to form IMU was done in February 2015. The 'Vanishing Posts' that should be allowed to lapse once the current incumbents superannuate or otherwise vacate the posts were identified.
- (h) A Group Medical Insurance Scheme has been introduced for IMU's employees with effect from 1<sup>st</sup>September 2015.
- (i) There was no proper delegation of Financial Powers to the Officers of IMU. A comprehensive Delegation of Financial Powers to the Vice Chancellor, Registrar and Campus Directors was approved in the Executive Council Meeting held on 21.08.2015.
- (j) IMU's Affiliation Fees were rationalized in 2014 with the approval of the Academic Council, the Finance Committee and the Executive Council and after obtaining legal opinion from former CJI of Supreme Court Shri V.N. Khare. A sum of Rs. 1.62 crores has been collected as affiliation fees from 35 Affiliated Institutes. A sum of Rs.21.50 lakhs is due from 7 Institutes out of which 6 are no longer with IMU.

## 11. Plan Funds for the period 2014-15 to 2018-19.

11.1 The conversion of the 7 legacy institutes, which were training/research/undergraduate colleges, into a full-fledged University entailed the creation of University-specific teaching and non-teaching posts and of additional physical infrastructure like classrooms, seminar halls, workshops, laboratories, libraries, student hostels, administrative buildings, residential quarters among others and the related furniture and equipment. Part of the shortfall in physical infrastructure (for the existing courses) was made good under the Expenditure Finance Committee (EFC - I) Scheme for the period from 2009-10 to 2013-14 under which a sum of Rs.256.43 crores was released before 31.3.2014. But there are still large gaps in physical infrastructure, especially with regard to workshops and laboratories which need to conform to the *International Convention on Standards of Training, Certification and Watch-keeping for Seafarers* (called STCW norms). Hence, a proposal for sanction of Plan funds for Rs.294.19 Crores for the period from 2014-15 to 2018-19 was sent to Ministry of Shipping and the same was sanctioned on 19.02.2015.

11.2 The Campus-wise break-up is as follows:

Table-6

Particulars	Total (Rs. in crore)
IMU Headquarters	29
Chennai Campus	37.65
Mumbai Campus	81.05
Kolkata Campus	61.34
Visakhapatnam Campus	64.3
Kochin Campus	20.85
<b>Total</b>	<b>294.19</b>

11.3 The Year-wise break-up is as follows:

Table-7

Year	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Plan Fund	22.39	107.13	99.68	58.10	6.90	294.19

11.4 The Item-wise break-up is as follows:

Table-8

Sl. No	Particulars	Amount (Rs. Crore)
1	Works	
	a) Hostels	60.39
	b) Classrooms	55.88
	c) Workshops & Labs	21.73
	d) Others	26.60
	Total (Works)	164.60
2	Equipment for Labs & Workshops	100.55
3	IT Hardware & Software	16.50
4	Library	12.54
	Total (1+2+3+4)	294.19

11.5 Release of Funds: During the year 2015-16, IMU received an amount of Rs.75 crore from Ministry of Shipping as Plan Fund. The entire amount was utilized before 31.03.2016.

#### 11.6 Status of Plan Works in IMU HQ

Sl.No.	Description of the work	Sanctioned Amount (Rs. In lakhs)	Status of the work (as on 31.3.2016)
1	Bank, ATM & Post Office	2.50	Work in progress
2	Canteen including equipment and furniture	2.00	Work in progress
3	Vehicle Parking – Construction	0.50	Work in progress
4	Mess-cum-Dining Hall for new Hostel building	2.00	Work in progress

### 12. Non-Plan Funds for the period 2014-15 to 2018-19.

12.1 Under the Expenditure Finance Committee-I (EFC – I) [covering the period 2009-10 to 2013-14], IMU had been sanctioned only Rs.6.92 crores as Non-Plan Funds. It was expected that IMU would be self-reliant and that the fees would be revised @20% every two years. Unfortunately, IMU was created at a time when the shipping industry was entering into a prolonged global recession/slowdown leading to contraction of the job market and declining student intake and the proposed fee revision didn't materialize. In the absence of Non-Plan funding, IMU had fixed very high fees causing hardship to students, especially those who were from socially and economically disadvantaged backgrounds. Further, without adequate Non-Plan funding, IMU had not been able to engage the full complement of quality teaching and non-teaching staff which adversely affected IMU's image and student intake. Further, when all other Central

Universities, IITs and NITs were being sanctioned Non-Plan Funds liberally, denying the same to a fledgling university like IMU was unfair. Therefore, a strong bid for sanction of Non-Plan funds for IMU at least for the period from 2014-15 to 2018-19 was made by the Vice Chancellor as well as the Finance Committee and the Executive Council.

12.2 IMU submitted a Non-Plan funding proposal for Rs.197.17 crores for the period from 2014-15 to 2018-19. Sanction for Non-Plan funds at Rs.40 crores per year for the 4 years from 2015-16 to 2018-19 was obtained from Department of Expenditure, Government of India in May 2015. This has solved one of IMU's most pressing problems since inadequate sanction of Non-Plan funds was the main reason why IMU was perceived as a non-starter in its first 5 years.

12.3 In 2015-16, Ministry of Shipping had released Rs.30.0 crores to meet Non-Plan expenditure as approved by CNE. IMU has spent entire amount of Rs.30.0 crores towards salary and other essential requirements before 31.03.2016.

### **13. Rationalization of Affiliation Fee**

13.1 The first Vice Chancellor and Registrar of IMU had committed 2 mistakes in the grant of affiliation:

- (i) They proposed affiliation fees that were almost 20 times higher (in cumulative effect) than what are levied by other comparable universities and what is prescribed by U.G.C.
- (ii) They issued letters of affiliation to 42 affiliated institutes (6 of whom left IMU later) without collecting the affiliation fees upfront.

13.2 The Affiliated Institutes had refused to pay stating that the fees were too high and should be reduced. Till 31.3.2014, not one rupee had been collected and the arrears had accumulated to nearly Rs.23

crores. But the Affiliated Institutes also could not get affiliation for any new programmes nor get increased sanctioned strength for existing programmes. Cancelling the affiliations would have resulted in messy court cases involving all 37 Affiliated Institutes and affected students. It might also have led to an exodus of the Affiliated Institutes to other universities seeking affiliation because IMU doesn't have a monopoly and the affiliation fees of other universities were nearly 20 times less. In short, there was a gridlock.

13.3 IMU's Affiliation Fees were rationalized in 2014 with the approval of the Academic Council, the Finance Committee and the Executive Council and after obtaining legal opinion from former CJI of Supreme Court Shri V.N. Khare. A sum of Rs. 1.60 crores has been collected as affiliation fees from 34 affiliated institutes (excluding the 2 new institutes affiliated during 2015-16). This problem which had seemed intractable at one point of time has been resolved satisfactorily.

#### **14. 8<sup>th</sup> Foundation Day**

Till 2013, the date of creation of IMU - 14<sup>th</sup> November – was being celebrated in the individual Campuses under the name of 'University Day'. The event was renamed as 'Foundation Day' and a function common to all Campuses for the 7<sup>th</sup> Foundation Day was held at the University Headquarters at Chennai on 14.11.2014. The 8<sup>th</sup> Foundation Day was held on 14.11.2015. Dr. Mylswamy Annadurai, Director, ISRO Satellite Centre, Bangalore was the Chief Guest at IMU's Eighth Foundation Day Celebrations.

#### **15. Second Convocation:**

The Second Convocation was held on 19.01.2016 at Kamarajar Arangam, Chennai. The Hon'ble Union Minister of Shipping, Road Transport and Highways Shri Nitin Gadkari delivered the Convocation

Oration and distributed Medals and Rank Certificates to the toppers. The Hon'ble Minister of State for Shipping, Road Transport and Highways Shri Pon. Radhakrishnan delivered the Special Address.

As many as 2815 candidates who had passed all their examinations between 1st November 2013 and 31st December 2015 were covered by the Second Convocation. Of these, 366 candidates received their degrees in-person and the remaining 2449 candidates received their degrees in-absentia. The Campus-wise break up of candidates was as follows: Mumbai - 460, Kolkata - 372, Chennai - 238, Visakhapatnam - 108, Cochin - 77, while 1560 candidates were from the Affiliated Institutes. The School-wise break up was as follows: School of Marine Engineering and Technology - 1107, School of Nautical Studies - 1420, School of Naval Architecture and Ocean Engineering - 131, School of Maritime Management - 145 and School of Maritime Laws - 12.

#### **16. Reservation of Seats for students from Andaman & Nicobar Islands and North eastern States**

Since starting an IMU Campus in Andaman & Nicobar Islands, Lakshadweep and Minicoy Islands or the eight North Eastern States [Assam, Meghalaya, Arunachal Pradesh, Mizoram, Nagaland, Manipur, Tripura and Sikkim] is not a feasible proposition, and the only way by which opportunities for maritime education and employment can be assured to the students of these regions is by reserving a certain number of seats in UG courses in IMU Campuses, IMU has decided that from the academic year 2015-16 onwards candidates native to Andaman & Nicobar Islands, Lakshadweep and Minicoy Islands, the eight North Eastern States and Jammu and Kashmir or those domiciled in these regions for at least 5 years shall be eligible for the reservation provided the candidates have cleared IMU's Common

Entrance Test (CET). The number of seats reserved for these states and the number of students admitted in 2015-16 are as follows:

Table 9

Sl.No.	State/Union Territory	Seats Reserved	No. of Candidates admitted in 2015-16
1.	North Eastern States	40	12
2.	Lakshadweep Islands	10	10
3.	Andaman & Nicobar	20	09
4.	Jammu and Kashmir	10	02
Total		80	33

The reserved seats will be allotted to the eligible candidates based on their CET rank and their preference(s) for UG course(s)/IMU Campuses. If the reserved seats are not filled up in a given academic year, they shall not be carried over to the next academic year and the unfilled seats shall be filled up from the General list of CET-passed candidates.

### **17. Performance-based Reward Scheme for Meritorious Students of IMU Campuses**

IMU has introduced a "Performance-based Reward Scheme" for meritorious students of IMU Campuses with effect from the December'15/January'16 end-Semester Examinations. The scheme is aimed at motivating the students to continue to perform meritoriously from semester to semester; to maintain discipline and good conduct; and to reduce the bank loan burden of meritorious students. As it is a reward for pure merit, it will not be linked to economic means nor will it be a bar to a student getting any scholarship/ freeship /studentship/fellowship, etc. from any other source.

The Performance-based Reward is for a semester only, based on the academic performance in the immediate previous semester examination. At the time of reward, the students should not have any

arrear papers relating to that semester examination or the earlier semester examinations, and should not have suffered any punishment for ragging or examination malpractices (both of which will render a student permanently ineligible for the reward).

Under this scheme, 'toppers' of each batch and of each programme get Rs.1,00,000/- each while students coming within the top ten percentile (other than toppers) get Rs.75,000/- each. The first set of Performance-based Rewards was given to 189 meritorious students (out of whom 20 were toppers) at an expense of Rs.1.47 crores.

## **18. IMU Headquarters Buildings**

The new buildings for IMU Headquarters are being built in a site measuring 106 acres in Semmancherry-Uthandi-Sholingallur Revenue villages (within Chennai Corporation limits), about 2 kms from IMU's Chennai Campus, on the East Coast Road. The works were entrusted to CPWD.

Although the Administrative Blocks, Academic Block and Hostels were ready by January 2014 itself, IMU was not able to shift its Headquarters to the new buildings for want of Planning Permission from Chennai Metropolitan Development Authority (CMDA). The condition imposed by CMDA/Government of Tamil Nadu [vide G.O. (3D) No. 34, Hg. & UD (UD5) Dept., dt. 15.07.2014] that IMU should surrender 7.20 metre wide road running from North to South along the western boundary of the site for a distance of about 1.67 kilometres was unreasonable and unjustifiable. This stipulation was made at the instance of 'East Semmancherry Land Owners' Association, Tiruvanmiyur which claimed that there was an "existing road that was encroached by IMU while constructing the compound wall in the western periphery". The issue remained unresolved for over 4 years despite being taken up at various levels - The

University, Secretary (Shipping) and the Hon'ble Union Minister of Shipping – with the Government of Tamil Nadu.

IMU Administration finally succeeded in convincing CMDA as well as the Housing and Urban Development Department, Government of Tamil Nadu that the Association's claim was a concocted one with zero merit, and that there was no road, not even a cart track, on the western side of the IMU compound wall as per the relevant Revenue records. On 25.02.2016, the Government of Tamil Nadu issued orders vide G.O. (3D) No. 63, Hg. & UD (UD5) Dept., dt. 25.02.2016 accepting the contention of IMU in full and deleting the stipulation (made earlier in the G.O. dated 15.07.2014 referred to above) of leaving a 7.20 metre wide road along the western boundary of the IMU Headquarters site as a precondition for grant of Planning Permission by CMDA. The long pending dispute has therefore been resolved to IMU's satisfaction. IMU followed it up by getting Planning Permission from CMDA on 21.03.2016.

The following formalities have to be completed before the buildings can be inaugurated:

1. Obtaining Building Permit from the Corporation of Chennai.
2. Obtaining Completion Certificate from CMDA.
3. Obtaining Water Supply connection from Chennai Metrowater.
4. Obtaining Electricity connection from TANGEDCO.
5. Landscaping work for IMU Headquarters (this was deferred because of the long pending dispute with CMDA regarding Planning Permission).

## **19. Group Medical Insurance Scheme for IMU's employees**

IMU approved a Group Medical Insurance Scheme for its employees coming under S.49 (iii) of the Act and for the ex-NMA and ex-IIPM employees covered by Section 49(ii) of the Act with effect from

01.09.2015. There is no recovery of premium in respect of ex-NMA employees and ex-IIPM employees whereas in the case of IMU employees coming under Section 49(iii) of the Act, there is part recovery of the premium payable per member @ 75% for Group A employees, @ 50% for Group B employees and @ 25% for Group C employees. The policy for 2015-16 was taken with M/s Oriental Insurance Company Ltd. covering 273 members (90 employees and their dependents). The total amount payable by IMU as premium for the period from 01.09.2015 to 31.08.2016 was Rs.11.48 lakhs plus applicable service tax.

IMU has also introduced a "Fixed Medical Allowance" of Rs.1000/- per month to IMU employees coming under Section 49(iii) of the Act in lieu of out-patient claims from August 2015 onwards. The ex-NMA and ex-IIPM employees are eligible for out-patient medical bills up to a ceiling of one months' basic pay per year.

## **20. Endowments**

A policy on Endowments has been framed to attract donations for Orations, Awards and Scholarships from IMU's alumni, Port Trusts and Shipping Industry. Endowments of Rs.30 lakhs from Mumbai Port Trust and Rs.8 lakhs from Tuticorin Port Trust have been received towards Scholarships for SC/ST students. Efforts are on to secure more Endowments.

## 21. Recruitments

Total Number of Post filled for the year 2015-16 are as follows

Table 10

S.No.	Name of the Post	Number of Personnel Joined
1.	Deputy Finance Officer	1
2.	Deputy Registrar	5
3.	Professor- NAOE	1
5.	Associate Professor	7
6.	Assistant Professor	9
7.	Registrar	1
8.	Pro-Vice Chancellor	1
9.	Assistant Engineer (Civil)	1
10.	Hostel Warden	4
11.	Director, IMU Cochin & Vizag Campus	2
12.	Director, IMU Mumbai Campus	1
13.	Assistant Registrar	6
14.	Assistant Registrar (Finance)	5
15.	Assistant (Finance)	24
Total		68

## 22. Ordinances

In exercise of the powers conferred by Section 47(1) of the Indian Maritime University Act 2008 (22 of 2008), 49 number of Ordinances were published in the Gazette of India during the year 2015-16.

**2<sup>nd</sup> Convocation held on 19.01.2016**



Shri Nitin Gadkari, Hon'ble Union Minister for Shipping, Road Transport and Highways delivering the Convocation Oration



Special address by Shri Pon Radhakrishnan Hon'ble Minister of State for Shipping, Road Transport and Highways



Dignitaries at the 2<sup>nd</sup> Convocation



The Vice Chancellor with the students at the 2<sup>nd</sup> Convocation

## **Estuary 2015 held on 08.04.2015**



Shri Pon Radhakrishnan Hon'ble Minister of State for Shipping, Road Transport and Highways at Estuary 2015

## **8<sup>th</sup> Foundation Day held on 14.11.2015**



Dr. Mylswamy Annadurai, Director, ISRO Satellite Centre, Bangalore

# IMU HEADQUARTERS – NEW BUILDINGS



Administrative Block, Library and Auditorium Block



Men's Hostel



Administrative Block



Academic Block



Women's Hostel



Power Plant Station

# IMU CAMPUSES



Mumbai



Chennai



Kolkata



Visakhapatnam



Kochi Campus

Cochin

**INDIAN MARITIME UNIVERSITY**  
**MUMBAI CAMPUS**

1. Brief history of the Mumbai Campus

Indian Maritime University, Mumbai campus with Head Office at Nerul, Navi Mumbai consists of three institutes namely, Palm Beach Block (Training ship Chanakya), Hay Bunder Block (LBS College of Advanced Maritime Studies & Research, Mumbai and Marine Engineering & Research Institute, Mumbai) situated at two locations with Head Office at Karave, Nerul, Navi Mumbai. The location at south Mumbai houses the LBS College of Advance Maritime Studies & Research, Mumbai and Marine Engineering & Research Institute, Mumbai while location at Nerul, along the picturesque Palm Beach Road, Navi Mumbai houses Training Ship Chanakya & Headquarters of Mumbai Campus. LBS college is the post-sea training institute whereas T.S. Chanakya and MERI, Mumbai are pre-sea training institutes.

a) IMU, Mumbai Campus, Palm Beach Block (erstwhile T.S.Chanakya)

The Great visionary Sir P. S. Sivaswamy Iyer's strong advocacy for the cause resulted in acceptance of a resolution on 19th March 1926 by the Central Government to commence the Indian Mercantile Marine, the Ministry of Commerce, accordingly acquired troopship Dufferin and the three year course for the first batch commenced on Dufferin on 5th December 1927 with 26 cadets. T. S. Chanakya became operational on 1st August, 1993 and teaches the cadets the new order but also makes them upholders of the old ones. The Institute then came under the umbrella of Indian Maritime University from 14.11.2008.

b) IMU, Mumbai Campus, Hay Bunder Block (M.E.R.I)

The MERI Institute was established at the onset of Independence in 1949 to satisfy the growing need of marine engineers in India. The Institution earlier named Directorate of Marine Engineering Training had its headquarters in Calcutta and a branch at Mumbai, under the Ministry of Shipping (Government of India). The Institute has been renamed Marine Engineering and Research Institute in 1994. The Institute was a dream project of a new India as she was expanding her horizon in the maritime field, starting with an initial intake of 60 cadets, today about 150 young highly motivated Engineers are passing through her hallowed portals. The institute then came under the umbrella of Indian Maritime University from 14.11.2008.

c) IMU, Mumbai Campus, Hay Bunder Block (L.B.S)

LBS College was founded in 1948 as Central Government premier post sea training institute for Merchant Navy Officers of Navigation & Engineering Departments, for Certificates of Competency. Renamed as LBS College of Advanced Maritime Studies & Research in 1994., Lal Bahadur Shastri College of Advanced Maritime Studies & Research is constituent unit of Indian Maritime University, A Central University, Government of India by the Indian Maritime University Act, 2008: "An Act to establish and incorporate a teaching and affiliating University at the national level to facilitate and promote maritime studies and research and to achieve excellence in areas of marine science and technology, marine environment and other related fields, and to provide for matters connected therewith or incidental thereto." The institute then came under the umbrella of Indian Maritime University from 14.11.2008.

2. Director of the Campus officiating during the period 2015-2016:  
Sh.J.K.Dhar
3. Names of the UG, PG, Ph.D. programmes offered in the Campus during the period. If any new programmes were introduced during the period, specify:
  - (a) IMU, Mumbai Campus, Palm Beach Block (erstwhile T.S.Chanakya)

Table 1

Sl. No.	Name of the Courses
1.	Three year B.Sc. (Nautical Science ) Degree course
2.	One year Diploma course in Nautical Science, leading to B.Sc. (Nautical Science) degree

- (b) IMU, Mumbai Campus, Hay Bunder Block (erstwhile M.E.R.I)

The institute offers three well balanced fully residential courses, which have been designed by experts in the field of Maritime training. These courses are:

Table 2

Sl. No.	Name of the Course
1.	One Year Pre –sea Graduate Diploma in Mechanical Engineers (PGDME ) Course
2.	Three years B.Sc. ( Maritime Science ) Course
3.	Four year B.Tech (Marine Engineering ) Course

4. Details of students admitted to various programmes during the period:

Table 3

Sl.No.	Name of Programme	Sanctioned Annual Intake	Number of students admitted during 2015-2016				
			Total	SC	ST	OBC-NCL	Female
1.	B.Sc (Nautical Science).	185	152	11	2	64	2
2.	One year Diploma in Nautical Science.	80	46	NIL	3	18	NIL
3.	One year Post Graduate Diploma in Marine Engineering.	120	29	3	NIL	10	
4.	B.Sc (Maritime Science).	40	14	2	NIL	5	
5.	B.Tech (Marine Engineering).	80	58	8	4	28	1
<b>Grand Total</b>			299	24	9	125	3

Courses Offered at IMU, Mumbai Campus, Hay Bunder Block (L.B.S) from 1<sup>st</sup> April, 2015 to 31<sup>st</sup> March 2016.

5. (i) Details of students studying in Campus during the period-programmed-wise, batch wise.

Table 4

Sl.No.	Name of the Programme	Number of students studying in Campus during 2015-2016			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year
1.	B.Sc (Nautical Science)	153	122	126	-
2.	One year Diploma in Nautical Science	46	NIL	NIL	-

3.	One year Post Graduate Diploma in Marine Engineering.	29	NIL	NIL	-
4.	B.Sc (Maritime Science)	14	28	21	-
5.	B.Tech(Marine Engineering)	58	31	35	-
<b>Grand Total</b>		300	181	182	-

ii) Details of students studying in Campus during the period programme wise, category wise

Table 5

Sl.No.	Name of Programme	Sanctioned Annual Intake	Number of students admitted during 2015-2016 (all batches put together)				
			Total	SC	ST	OBC-NCL	Female
1.	B.Sc (Nautical Science)	185	401	21	5	173	2
2.	One year Diploma in Nautical Science	80	46	NIL	3	18	NIL
3.	One year Post Graduate Diploma in Marine Engineering	120	29	3	NIL	10	
4.	B.Sc (Maritime Science)	40	63	4	0	21	
5.	B.Tech (Marine Engineering)	80	125	18	6	50	1
<b>Grand Total</b>			664	46	11	272	3

6. (i) Details of short term courses offered by the Campus during the period:

a) IMU Mumbai Campus, Palm Beach Block(T.S.Chanakya)

Table 6

<b>Sl. No</b>	<b>Course</b>	<b>Duration</b>	<b>No. of Participants (2015-2016)</b>
1.	Advanced Fire Fighting	1 Week	447
2.	GMDSS	2 Weeks	92
3.	AFF & FPF Refresher	1 Day	1078

b) IMU, Mumbai Campus, Hay Bunder Block (erstwhile L.B.S)

The institute offers 46 post-sea courses for Nautical and Marine Engineering discipline which includes:

- 1)Certificate of Competency Courses
- 2)Simulator Courses
- 3)Non-Simulator Modular Courses.

(c) Courses Offered at IMU, Mumbai Campus, Hay Bunder Block (erstwhile L.B.S) from 1<sup>st</sup> April, 2015 to 31<sup>st</sup> March 2016.

Table 7

<b>Sr.No.</b>	<b>Name of the course</b>
1	Radar Obs. Course (ROC)
2	ARPA
3	RADAR,ARPA & NAV Simulator (RANSCO)
4	Liquid Cargo Handling Simulator (LCHS) (Operational Level)
5	Liquid Cargo Handling Simulator (LCHS) (Management Level)
6	GMDSS
7	Engine Room Simulator Class-IV (ERS-IV)
8	Engine Room Simulator Class-IV (ERS-II)

9	Diesel Engine Combustion Gas Monitor Simulator Course (DEGM-I)
10	Electronic Chart Display and Information System(ECDIS)
11	Refresher Training For Proficiency In Survival Craft & Rescue Boat
12	P.S.C.R.B
13	TASCO
14	CHEMCO
15	GASCO
16	Medical Care
17	Ship Security Officer (SSO)
18	Company Security Officer (CSO)
19	Port Facility Security Officer (PFSO)
20	Security Training For Seafarers With Designated Security Duties (STSDSD)
21	Refresher & Updating Training (Up gradation) For Deck Officers
22	Refresher & updating training (up gradation ) for deck officers (operational level, management level Phase-I)
23	Refresher & updating training (up gradation ) for deck officers (operational level, management level Phase-I & Phase-II)
24	Refresher & updating training (up gradation ) for Engineer Officers ( OPERATIONAL LEVEL)
25	Refresher & updating Training (N&E)
26	Refresher & Updating Training (up gradation ) for Engineer Officers ( MANGEMENT LEVEL )
27	Indian Maritime Legislation
28	ASM (Foreign Going )
29	Chief Mate Phase –II ( Foreign Going )
30	Chief Mate Phase –I ( Foreign Going )
31	Chief Mate PHASE –I ( Near Coastal Voyage )
32	Chief Mate PHASE –II ( Near Coastal Voyage )
33	Master ASM ( Near Coastal Voyage )
34	Second Mate (FG )
35	NWKO (Near Coastal Voyage )
36	Second Mate Foundation
37	Marine Engineer Officer Class –I
38	Marine Engineer Officer Class –II
39	Familiarization for MERI Cadets

ii) Details of new short terms courses started during the period:

a) IMU Mumbai Campus, Palm Beach Block

Table 8

<b>Sr. No.</b>	<b>New Courses offered</b>	<b>DGS approval no.</b>	<b>Duration</b>	<b>Frequency in a Year</b>	<b>Strength</b>
1.	Electronic Chart Display and Information System (ECDIS)	TR/A/54/2016	5 Days	48	12

7. (i) Details of Faculty and Academic Staff:

a) IMU, Mumbai Campus ,Palm Beach Block (T.S.Chanakya) and Hay Bunder Block (MERI)

Table 9

<b>Sr.No.</b>	<b>Programme</b>	<b>Permanent</b>	<b>Special Visiting Faculty</b>	<b>Visiting Faculty</b>	<b>Outsourcing/ Contract</b>
1.	B.Sc(Nautical Science)	4	5	13	10
2.	Diploma in Nautical Science(DNS)				
3.	B.Sc(Maritime Studies)	1	7	12	2
4.	B.Tech(Marine Engineering)				
5.	PGDME				
<b>Total</b>		<b>7</b>	<b>12</b>	<b>25</b>	<b>12</b>

b) IMU, Mumbai Campus, Hay Bunder Block (L.B.S)

Table 10

Sr.No.	Discipline	Permanent	Special Visiting Faculty	Visiting	Outsourcing
1.	Nautical	03	09	-	-
2.	Marine Engineering	-	07	07	-
3.	Radio Communication	-	02	-	-
4.	Academic	01	02	01	-
5.	Instructor/ Warden	02	01	-	-
<b>Grand Total</b>		<b>07</b>	<b>21</b>	<b>08</b>	<b>NIL</b>

(ii) Details Administrative and other Staff:

Table 11

Sr.No.	Department	Permanent	On Contract	Outsourcing
1.	Indian Maritime University-Mumbai Campus-Head Office	10	8	NIL
2.	IMU Palm Beach Block(T.S.Chanakya)	35	NIL	15
3.	IMU Hay Bunder Block-LBS	38	NIL	17
4.	IMU Hay Bunder - MERI	18	1	10
<b>Grand Total</b>		<b>101</b>	<b>9</b>	<b>42</b>

8. Status of Major Plan Works:

Table 12

<b>Sl.No.</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. In lakhs)</b>	<b>Status of the work (as on 31.3.2016)</b>
1	LBS New Hostel Additional upper floors on existing G+9 Building	1478.25	Work in progress.
2	Renovation & Upgradation of existing old buildings.	1200.00	Various small works have been taken under Renovation of existing building which are at various stages of completion.
	<b>TOTAL</b>	<b>2678.25</b>	

9. Details of purchases made under SFC funds

(Amount spent for purchase equipment, books etc.)

Table 13

<b>S.No</b>	<b>Description</b>	<b>Cost (Rs.in lakhs)</b>
1	Equipment	131.13
2	Furniture (Computer Networking and Furniture)	7.26

10. Performance based Rewards received by the students:

Table 14

S.No.	Course (All Semesters)	No of students who received Rs.1,00,000/- reward	No of students who received Rs.75,000/- reward.
1	B.Sc(Maritime Science)	3	NIL
2	B.Tech(Marine Engineering)	NIL	3
3	B.Sc(Nautical Science)	2	38
<b>Grand Total</b>		<b>5</b>	<b>41</b>

11. Co-curricular and Extra-curricular Activities of Students:

(i) Award won in Competitions/seminars:

MERI Cadets have won several prizes in Technical Paper Competitions and participated in Technical Exhibitions conducted by Shipping Industry.

(ii) Other activities:

1. Prayaan 2015 celebrated in MERI in May'2015.
2. Motivation Program organized for MERI Cadets on 27<sup>th</sup> Aug'2015
3. Cadets participated in IMU Day function at Chennai on 14<sup>th</sup> Nov'2015.
4. Participation of candidates in celebrating IMU Day Function in LBS CAMSAR on 14<sup>th</sup> Nov'15.
5. Students and staff participated in the essay writing competition for Swatch Bharat Mission in October'2015.

12. Placement:

Table 15

<b>SI No.</b>	<b>No. of Students Placed</b>	<b>Name of the Companies</b>
1	PGDME - 15	MSC, Dole Daunatics
2	B.Tech (Marine Engineering) - ( <i>first batch</i> )	-
3	B.Sc(Maritime Studies) - 11	Essar Shipping
4	B.Sc(Nautical Science) - 33	FML, NYK, Synergy
5	DNS - 7	FML, SCi, Selindia
<b>Total</b>	<b>66</b>	

## IMU Mumbai Campus



## Chennai Campus

### 1. Brief history of Chennai Campus:

Indian Maritime University (IMU) was formed in year 2008. The National Maritime Academy (NMA), formerly known as National Institute of Port Management (NIPM), became the Chennai Campus of Indian Maritime University. The IMU Chennai Campus (IMU CC) offers the following courses:

- a) One- year Diploma in Nautical science course leading to B.Sc (Applied Nautical Science)
- b) Three – Year B.Sc (Nautical Science)
- c) Four – year B. Tech (Marine Engineering)
- d) Two-year MBA (Port and Shipping Management)
- e) Two-year MBA (International Transportation & Logistics Management)

Apart from the above, the Chennai Campus offers short term training programmes for merchant navy personnel, both for the Nautical and Engineering Departments and for officials of major ports, Maritime Boards, non-major ports and organizations connected with transport trade

### 2. *Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2015 to 31.03.2016):*

Shri Rajeeva Prakash

### 3. Names of the UG, PG, Ph.D programmes offered in the Campus during the period:

1. One- year Diploma in Nautical science course leading to B.Sc (Applied Nautical Science)
2. Three – Year B.Sc (Nautical Science)
3. Four – year B. Tech (Marine Engineering)

4. Two-year MBA (Port and Shipping Management)
5. Two-year MBA (International Transportation & Logistics Management)

4. Details of students admitted to various programmes during the period:

Table 1

Sl. No.	Name of programme	Sanctioned Annual Intake	Number of students admitted during 2015-16				
			Total	SC	ST	OBC-NCL	Female
1	<i>B.Sc (NS)</i>	80	45	07	03	13	03
2	<i>D N S</i>	80	21	01	03	13	-
3	<i>MBA (PSM &amp; ITL)</i>	70	43	03	-	12	06
<i>Grand Total</i>		230	109	09	06	38	08

5. (i) Details of students studying in Campus during the period – programme-wise, batch-wise:

Table 2

Sl. No.	Name of programme	Number of students studying in Campus during 2015-16			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1	<i>B.Sc (NS)</i>	45	40	69	-
2	<i>B.Tech (ME)</i>	-	57	73	43
3	<i>D N S</i>	21	-	-	-
4	<i>MBA (PSM&amp;ITL)</i>	43	31	-	-
<i>Grand Total</i>		109	128	142	43

- ii) Details of students studying in Campus during the period programme  
-wise, category-wise:

Table 3

Sl. No	Name of programme	Number of students studying in Campus during 2015-16 (all batches put together)			
		Total	SC	ST	OBC-NCL
1	<i>B.Sc (NS)</i>	154	09	04	47
2	<i>B.Tech (ME)</i>	173	16	04	72
3	<i>D N S</i>	21	01	03	13
4	<i>MBA (PSM&amp;ITL)</i>	74	06	--	29
<i>Grand Total</i>		422	33	11	161

- 6 (i) Details of short term courses offered by the Campus during the period:

Table 4

Sl.No	Course Title	Duration	No. of Participants
Nautical Science			
1	Second Mate	4 months	18
2	Chief Mate Phase I	3 months	12

3	Chief Mate Phase II	3 months	12
4	Revalidation for Masters	11 days	212
5	Revalidation for Mates – Operational level	5 days	
5	Company Security Officer Course	3 days	10
6	Port Facility Security Officer Course	3 days	04
7	Ship Security Officer Course	3 days	02
8	Refresher Course for SSO	1 day	03
9	PSC & RB Refresher Course	1 day	356
10	Medical First Aid Refresher Course	1 day	111
11	Personal Safety & Social Responsibility	03 days	156
12	MEO Class I (12 batches)	2 months	228
13	Diesel Engine Simulator (37 batches)	3 days	248
14	Refresher & Updating Course for Engineers (6 batches)	11 days	41
15	Global Maritime Distress and Safety System Course	2 weeks	49
Grand Total			1462

7. (i) Details of Faculty and Academic Staff:

Table 5

Sl. No	Discipline	Permanent	Special visiting faculty	Visiting	Outsourcing
1	School of Maritime Management	04	Nil	04	NIL
2	Nautical Science	07	03	08	
3	Marine Engineering	01	02	08	
<i>Grand Total</i>		12	05	20	

(ii) Details of Administrative and other Staff:

Table 6

Sl.No.	Department	Permanent	On Contract	Outsourcing
1	Administration	24	07	116
2	Finance & Accounts	07	00	
3	Engineering Cell	06	02	
4	Workshop	07	00	
5	Medical	01	00	
6	Library	02	01	
<i>Grand Total</i>		47	10	

8. Status of Plan Works:

Table 7

Sl. No	Description of the work	Sanctioned Amount (Rs. In Crores)	Status of the work
1	Replacement of old substation with a new one; Procurement of new Generator set.	2.00	Civil works completed, Electrical equipment installation in progress.

2	Construction of new Hostel	5.00	Finishing works in progress
3	Construction of Additional class rooms & Faculty Accommodation with furniture and equipment.	2.25	F2 level slab centering in progress
4	Upgrading and renovation of existing buildings with transparent weather proof wall coating, renovation of toilets and relaying drainage line, improvement to quarters and land scapping.	5.00	It includes 7 (seven) smaller works which are at various stages of progress
<i>Grand Total</i>		14.25	

9. Details of purchases made under SFC funds:

Table 8

Sl.No.	Description	Cost  (Rs. In Crores)	Remarks
01	Books, Journals and literature,	1.50	Centralized procurement of various Online Journals/Magazines have been subscribed and is being used by Libraries in all the Campuses.
<i>Grand Total</i>		1.50	

10. Performance Based Rewards received by the students:

Table 9

Sl.No	Course	No. of Students who received Rs.1,00,000/- reward	No. of Students who received Rs.75,000/- reward
1	B.Sc. NS	1	10
2	B.Tech ME	2	31
3	MBA	1	3
<i>Grand Total</i>		4	44

11. *Sports & Extra -curricular and prizes won by the Students:*

- i. Sports competitions were held in Chennai Campus in March/April 2016.
- ii. A Technical fest conducted in AMET University, Chennai i.e., "ELYCTRICO-2K16" in the month of April 2016.
  - a) B.Tech Marine Engineering 3<sup>rd</sup> year cadets won 1<sup>st</sup> prize in Technical Quiz and B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 2<sup>nd</sup> prize in Technical Quiz.
  - b) B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 2<sup>nd</sup> prize in Circuit Debugging.
  - c) B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 2<sup>nd</sup> prize in Technical Debate.
  - d) B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 1<sup>st</sup> prize in Technical Riddle.
  - e) B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 1<sup>st</sup> prize in Game (CS) and B.Tech Marine Engineering 2<sup>nd</sup> year and B.sc Nautical Science 3<sup>rd</sup> year mix team won 2<sup>nd</sup> prize in Game (CS).

- f) B.sc Nautical Science 3rd year won 1st prize in Games (FIFA 14 and NFS).
- iii. A Fest held in HIMT, Chennai in 2015.
- B.sc Nautical Science 1<sup>st</sup> year won 1<sup>st</sup> prize in Marine Quiz.
  - B.sc Nautical Science 1<sup>st</sup> year won 1<sup>st</sup> prize in paper presentation.
- iv. A Technical Fest Conducted in IIT Kharagpur i.e., "SAMUDRAMANTHAN-2K16" on 12 & 13 March 2016.
- B.Tech Marine Engineering 2<sup>nd</sup> year cadets won 1<sup>st</sup> prize in Cease el Fuego.
  - B.Tech Marine Engineering 2nd year cadets won 4th prize in Tug The Hercules.
  - B.Tech Marine Engineering 2nd year cadets won 3rd prize in Innotect.
  - B.Tech Marine Engineering 2nd year cadets won Consolation prize in Devil's Mission.
- v. Indian Maritime University – Chennai Campus student participated in Paper Presentation held in Tolani Maritime College, Pune in March 2016.
- B.Tech Marine Engineering 2<sup>nd</sup> year and 3<sup>rd</sup> year cadets won 2<sup>nd</sup> prize
- vi. A fest Conducted in Don Bosco College, Chennai in February 2016
- B. Tech Marine Engineering 2<sup>nd</sup> year cadet won 1<sup>st</sup> prize in Clay Modeling
  - B.Sc Nautical Science 1<sup>st</sup> year girls Cadets won 3<sup>rd</sup> prize in jewelry making.
  - B. Tech Marine Engineering 3<sup>rd</sup> year cadet won 1<sup>st</sup> prize in Debate.
  - B. Tech Marine Engineering 3<sup>rd</sup> year and B.Sc Nautical Science 1<sup>st</sup> year Cadets won 2<sup>nd</sup> prize in Games.
  - B. Tech Marine Engineering 4<sup>th</sup> year won 2<sup>nd</sup> prize in Painting.

vii. Activities of Management Department:

1. Organised Estuary'16 – a two day National Seminar & Inter Collegiate Management Fest between April 8<sup>th</sup> and 9<sup>th</sup> 2015.
2. A training programme for Officers Trainees (OTs) of IES was organized between 22<sup>nd</sup> and 26<sup>th</sup> June 2015.
3. Participated in the two –day Faculty Development Workshop on “Case Method & Case writing “between 5<sup>th</sup> and 6<sup>th</sup> August 2015, designed and delivered by Great Lakes Institute of Management.
4. Conducted Two day inter campus cultural celebrations on occasion of IMU 8<sup>th</sup> Founders day (13<sup>th</sup> - 14<sup>th</sup> Nov 2015)
5. Above 70% of the final year MBA students were placed through campus placement.
6. Preparation of Accounts Manual and SOP for Kandla Port Trust.

12. Distinguished Visitors to the Campus:

Table 10

Sl. No.	Name of the Visitor and Designation	Date	Purpose of Visit
1.	Shri Pon Radhakrishnan, Hon'ble Union Minister of State for Road Transport, Highways and Shipping	08/04/2015	Inauguration of Estuary '15 – 2 day National Seminar and Inter- collegiate Management Fest
2.	Shri M G Devasahayam IAS (Retd) Former Chairman Haryana Electricity Board.		
3.	Shri Rajiv Agarwal MD & CEO Essar Ports.		

4.	Smt. VinithaVenkatesh Director, Ports Krishnapatnam Port.	08/04/2015	Inauguration of Estuary '15 – 2 day National Seminar and Inter- collegiate Management Fest
5.	Prof. Bala V Balachandran Founder & Dean Great Lake Institute of Management Chennai.	05/08/2015	Special Seminar for MBA students
6.	Shri Shashi Kallada IMDG Code Specialist Cochin, Kerala.	31/10/2015	3 days Seminar for MBA students

13. Placement:

Table 11

Sl.No.	No. of Students Placed	Names of the Companies
1.	B.Sc. NS – 11	MOL, Synergy Maritime, Sea Team Management, Fleet Management, Selandia Group
2.	B.Tech - 7	Fleet Management, Great Eastern Shipping Co.
3.	MBA - 31	Kuehnenagal, Beta Shipping Limited, Seashet Logistics Pvt Ltd., TM International Logistics Limited, Team Global Logistics Pvt. Ltd., Leaap International Pvt. Ltd, Ocean Master Marine Service P. ltd, Worldwide Logistics Limited, NYK Lines.
Total	49	

## IMU Chennai Campus



## **Kolkata Campus**

### 1. Brief history of the Kolkata Campus:

IMU-KC – Symbolizes the birth of marine engineering training in India. The Institute was established at the onset of independence in 1947 to satisfy the growing need of marine engineers in India. It was founded in 1949 by Pandit Jawaharlal Nehru as “Directorate Of Marine Engineering Training” (DMET) with its headquarter in Calcutta and a branch at Bombay, under Ministry of Shipping (Government of India). It was renamed “Marine Engineering and Research Institute” in 1995. MERI was a dream project of a new India as it was expanding its horizon in the marine field, starting with an initial intake of 60 cadets, today about 280 young and highly motivated marine Officers are passing through her hallowed portals every year. After 67 years since its inception, IMU-KC is regarded as the most acclaimed institute around the world for Maritime education. It has the latest state-of-the-art infrastructure and facilities for maritime education and training. Its 33 acres campus has 6500 Sq.Mtrs of built-up area and 52 % of the campus area is free area. Besides various class rooms, well equipped laboratories, simulators, library with more than 16000 books and technical journals, separate hostels for boys and girls for more than 1000 cadets. The institute has a fully equipped, Olympic-size swimming pool cum life-saving training facility, one 1000 seated auditorium, one 8-bed infirmary with 24X7 medical assistance, a gymnasium with multi-gym facility and one workshop with various shops and a Ship in Campus with one full-size, 6000BHP marine propulsion Engine for training of the cadets. Ex-cadets of this institute are well established not only in shipping but also in many other areas of administrative services, management and entrepreneurships.

IMU- Kolkata Campus (Management Block) - IMU- KC (Management Block) (Erstwhile Indian Institute of Port Management, Kolkata), a pioneer Post Graduate Management Institute in the domain of port, shipping and logistics management was set up by the Kolkata Port Trust, Govt. of India, in 1965 at Subhas Bhavan in the hub of port and container terminals and subsequently taken over in 1977 by the Major Ports of India through the Indian Ports Association, New Delhi.

2. Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2015 to 31.03.2016): Shri M. K. Ghosh.
3. Names of the UG, PG, Ph.D programmes offered in the Campus during the period:
  1. UG: B.Tech (Marine Engineering)
  2. PG: MBA (International Transportation and Logistics Management)

No new programmes were introduced during the period.

18. Details of students admitted to various programmes during the period:

Table 1

Sl.No	Name of programme	Sanctioned Annual Intake	Number of students admitted during 2015-16				
			Total	SC	ST	OBC-NCL	Female
1.	B.Tech(ME)	286	266	38	19	118	1
2.	MBA(ITLM)	15	3	-	-	-	-
Grand Total			269	38	19	118	1

4. (i) *Details of students studying in Campus during the period - programme-wise, batch-wise:*

Table 2

Sl. No.	Name of programme	Number of students studying in Campus during 2015-16			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1.	B.Tech(ME)	253	207	240	126
2.	MBA(ITLM)	3	1	-	-
Grand Total		256	208	240	126

(ii) *Details of students studying in Campus during the period programme-wise, category-wise:*

Table 3

Sl. No.	Name of programme	Number of students studying in Campus during 2015-16 (all batches put together)			
		Total	SC	ST	OBC-NCL
1.	B.Tech(ME)	826	98	40	278
2.	MBA(ITLM)	4	-	-	-
Grand Total		830	98	40	278

5. Details of short term courses offered by the Campus during the period:

Table 4

Sl.No	Course Title	Duration	No. of Participants
1	PSSR for B.Tech(ME)	7 days	240
2	PST for B.Tech(ME)	6 days	240
3	EFA for B.Tech(ME)	5 days	240
4	STSDSD for B.Tech(ME)	5 days	240
5	MEO Class – I Preparatory Course	60 days	105
6	Diesel Engine Combustion Gas Monitoring Simulator Course	3 days	352
<i>Grand Total</i>			1183

*In Campus MDP Programmes at IMU-KC Management Block*

Table 5

Sl.No	Course Title	Duration	No. of Participants
1	Management of Reservation Directives for SC, ST and OBCs	3 days	7
2	Purchase Procedures & Policy for Government, PSUs and Autonomous Organisation	3 days	6
3	Disciplinary Proceedings	3 days	6
4	Establishment Rules and Service Regulations	3 days	7

5	Team Building and Management by Objectives	3 days	24
6	e-Tendering, e-Procurement and e-Payment	3 days	25
7	Workshop on Effective Communication, Noting and Drafting	3 days	13
8	Critical Issues in Tender Processing	3 days	8
9	Total Productive Maintenance for Plant & Equipment	3 days	15
10	Right to Information Act	2 days	7
11	Equipment Management, Administration and Forest Environment for O/O Conservator of Forests HQ, Port Blair	3 weeks	4
12	Essential Management Skills	3 days	13
13	Management of Outsourcing & Contract Labour	3 days	4
14	Effective Communication	2 days	9
15	Contract Management	3 days	14
<i>Grand Total</i>			162

Off Campus MDP Programmes at IMU-KC Management Block

Table 6

Sl. No.	Course Title	Duration	No. of Participants
1	Safety in Cargo Handling at JNPT	2 days	20

2	Customs Procedures (Import & Export) at JNPT	2 days	20
3	Outsourcing and Contract Labour Act at JNPT	2 days	19
4	Management of Port Operations at PPT	3 days	18
5	Workshop on Noting and Drafting at PPT	3 days	18
6	Management of Outsourcing & Contract Labours at KPT	2 days	33
7	Establishment and Administration for Port Officials at KPT	2 days	30
8	Port Establishment Rules and Service Regulations at JNPT	3 days	22
9	Management of Change at PPT	3 days	15
10	Outsourcing and Contract Labour Act at PPT	3 days	20
11	Effective Internal Audit for ISO at PPT	3 days	16
<i>Grand Total</i>			231

Short Term Courses offered by IMU-KC – FMIRO collaboration

Table 7

Sl. No.	Course Title	Duration	No. of Participants
1	1st Mate FG Phase I (1MP1)	3 months	114

2	1st Mate FG Phase II (1MP2)	3 months	51
3	2nd Mates FG Functional (2M)	4 months	113
4	2nd Mates Foundation (2MF)	2 Months	26
5	Advance Fire Fighting (AFF)	5 days	142
6	Automatic Radar Plotting Aid (ARPA)	5 days	109
7	Elementary First Aid (EFA)	3 days	198
8	Engineers' Revalidation / Upgradation ( ERV )	10 days	299
9	Fire Prevention & Fire Fighting (FPFF)	3 days	49
10	GMDSS	10 days	144
11	Master FG A S M (ASM)	1.5 month	89
12	Masters' & Mates' Upgradation	11 days	288
13	Medical Care (MEDICARE)	10 days	54
14	Medical First Aid (MFA)	4 days	153
15	MEO - II, Preparatory	4 months	106
16	MEO - IV, Preparatory	3 months	32
17	NWKO (NCV)	4 months	22
18	Oil Tanker Familiarization (OTF)	5 days	78
19	Passenger Ship Familiarization (PSF)	3 days	44
20	Personal Safety & Social Responsibility (PSSR)	3 days	51
21	Personal Survival Technique (PST)	3 days	18
22	Port Facility Security Officer (PFSO)	3 days	2

23	Proficiency in Survival Craft & Rescue Boat (PSCRB)	5 days	136
24	Radar Observer & simulator Course (ROC)	10 days	103
25	Ship Security Officer (SSO)	3 days	98
26	STPOTO	10 days	58
27	STSDSD	2 days	35
28	Combined(AFF & FPFF)-Refreshers	03 hrs.	1152
29	FPFF (Refreshers)	03 hrs.	51
30	MFA (Refreshers)	03 hrs.	591
31	MEDICARE (Refreshers)	03 hrs.	159
32	PST (Refreshers)	2.5 hrs.	36
33	Combined (PST & PSCRB) – Refreshers	4.5 hrs.	1752
34	PSSR (Refreshers)	03 hrs.	1923
35	SSO (Refreshers)	03 hrs.	70
<i>Grand Total</i>			8346

6. (i) Details of Faculty and Academic Staff:

Table 8

Sl.no.	Programme Wise	Permanent	Special visiting faculty	Visiting	Outsourcing /Contract
1.	B.Tech(ME)	9	3	23	4
2.	MBA(IT&LM)	3	-	09	1
<i>Grand Total</i>		12	3	32	5

(ii) *Details of Administrative and other Staff:*

Table 9

Sl.no.	Department	Permanent	On Contract	Outsourcing
1.	Administration & Establishment	13	-	2
2.	Accounts	9	2	-
3.	Housekeeping	13	-	23
4.	Training	9	-	-
5.	Examination	1	-	1
6.	PLA	1	-	-
7.	Stores	4	-	-
8.	Hostels	3	-	2
9.	Workshop	20	2	-
10.	Library	1	1	2
11.	Watchman	15	-	14
12.	Laboratory	2	2	-
13.	Medical	2	1	-
14.	Mess(Paid from Grant in Aid)	46	-	-
<i>Grand Total</i>		139	8	44

7. Status of Plan Works:

Table 10

Sl. No	Description of the work	Sanctioned Amount (Rs. Crores)	Status of the work
1.	<p>a) Construction of 3rd, 4th and 5th Floor of New Academic and Administrative Block with an Estimated Area of 5000 Sqm as per approved SFC Scheme at SI No.1.</p> <p>b) Construction of 2nd Floor of New Academic and Administrative Block (Centre for Post Graduate and Doctoral Programmes) under approved SFC Scheme at SI No. 3.</p>	19.00	<p>i) Preparation of Estimate, Administrative Approval and Estimate Sanction have been completed.</p> <p>ii) Process of NIT &amp; Awarding of work is under process at CPWD end.</p>
2.	Construction of 1st floor on the existing New Hostel Block between Jr Hostel and Rear Wing (under SFC scheme SI No.2).	2.20	<p>i) Preparation of Estimate, Administrative Approval and Estimate Sanction have been completed.</p> <p>ii) Process of NIT and awarding of contract have also been completed.</p> <p>iii) Work in Progress.</p>

3.	a) Construction of New Academic & Administrative Block-1750 sqm (G+1) adjacent to the east side of already constructed 1331 Sqm, G+1 building under approved SFC Scheme at SI No. 6.	14.64	a) 90% of works have been completed
	b) Construction of 4th Floor of OBC Hostel Building under SFC scheme at SI No. 6.		b) i) Preparation of Estimate, administrative Approval and Estimate Sanction have been completed.  ii) Process of NIT & Awarding of work have also been completed.
4.	Supply and installation of Furniture and Fixtures.	2.00	Supply and installation of Furniture and Fixtures of Rs.57 lakhs for 2 <sup>nd</sup> and 3 <sup>rd</sup> floor of New Hostel (OBC) has already been completed. Some more procurements are in process.
<i>Grand Total</i>		37.84 crores	

8. Performance Based Rewards received by the students:

Table 11

Sl.No	Course	No. of Students who received Rs.1,00,000/- reward	No. of Students who received Rs.75,000/- reward
1.	<i>B.Tech(ME)</i>	1	56
2.	<i>MBA(ITLM)</i>	Nil	Nil
<i>Grand Total</i>		1	56

9. *Co-curricular and Extra-curricular Activities of Students:*

(i) Awards won in Competitions/seminars

a) Basketball tournament at ITME in March 2016. IMU-KC Cadets were the winners in the tournament.

b) 'Spardha'- a Sports Meet at IIT – BHU was held in Nov. 2015, with active participation by our Cadets. – IMU-KC cadets were the Runners up in the Hockey Competition.

c) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the winner in the Football Tournament.

d) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the Runners up in the Basketball Tournament.

e) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the Runners up in the Hockey Tournament

- f) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the runners up in the Cricket Tournament.
- g) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the winner in the Volleyball Tournament
- h) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the winner in the Badminton Singles Tournament
- i) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the runners up in the Badminton Doubles Tournament
- j) Tempest at IMU Kolkata, 2015. IMU-KC Cadets were the winner in the Table Tennis Tournament
- k) 30/03/2016: Essay & Drawing Competition in Mercantile Marine Department, Kolkata as National Maritime Week Celebrations. Winner: (Essay) Shivanand Mishra (Roll No. - 7490), Drawing: 1. Animesh Jena – (Roll No. -7569 2. G. Srivatsa – (Roll No. - 7610) 3. Vivek Dwivedi - (Roll No. – 8014)

(ii) Other activities

The progress for the Sports Competition within the Campus largely “Inter – Sadan” and “Inter-year “are as follows:

- a) Chakravayuh – Sports activities – such as Football, Basket Ball, Hockey, Cricket, Volleyball, and Athletics were held on MERI Grounds from 4th November to 8th November. Various Colleges & Engineering Universities in the City actively participated in the Games.
- b) Tempest – Program held during the same period. Cultural program included Drama, Singing & dancing Contests skits

"Kolkata Got Talent" Contests. Various non-technical and technical model making contests held in IMU- Kolkata Campus.

- c) Inter Sadan Marathon- Marathon Race was conducted successfully on 6th March 2016. The winner was Harmayek Singh Roll No. 7516 & Runner up Sanjeev Ranjan Roll No. 7692
- d) Inter Sadan Cricket Tournament – During April 2015, Winner: Bose Sadan
- e) Sports Week – 11th March to 15th March 2016 : Athletics – Track & field events (100m / 200m / 400m hurdles, high jump, long jump, discuss, throw, javelin throw, shot put, 500m long distance running competition held. Sports activities involved girl cadets in track events. Victor Ludrom, best Athlete awarded to Sourav Ranjan, (Roll No. 7485)
- f) Inter year Football Contest: In April 2015, winners were the 2nd year (2013 Entry).
- g) Indoor games were also actively pursued. Chess Masters League was conducted in September – 2015.
- h) Sr. Training Manager, GWEE ENG. CHANG of American President Lines visited Campus on 27/04/2015. 3 cadets selected during Campus Interview.
- i) 02/05/2015: Division and Hostel Inspections.
- j) 15/08/2015: Independence Day : Flag hoisting ceremony conducted
- k) 22/08/2015: Times of India conducted 'Fresh Face' Contest for 2015 Entry Cadets. Conducted in Assembly Hall.

- l) 30/10/2015: Essay Writing Contest in Gallery Classroom.  
"Roadmap of providing Good Governance. "
- m) 26/11/2015: Alumni Re-union 1965-69 Batch in Campus.
- n) 21/03/2016: Brahma Kumari – Seminar on Stress Free Living and Self- management.

10. *Papers submitted/presentation made by faculties/staff:*

Papers presented by Sri Eswara Arun Kishore

- a) Introduction to natural gas: A comparative study of its storage, fuel costs and emissions for a harbor tug - A K Eswara, S C Misra and U S Ramesh - SNAME (USA) - Published in SNAME Symposia papers (April, 2015) - [Earlier presented at SNAME Annual Meeting, Bellevue, USA(Nov,2013)].
- b) Some statistical relationships among dredger particulars observed in the Indian dredging fleet - A K Eswara and U S Ramesh, ICSOT 2015 - RINA (UK) proceedings, presented at IIT Kharagpur (Dec, 2015)
- c) The prospects of dredging and indigenization of dredger design - A K Eswara and U S Ramesh -Institution of Naval Architects (India), Proceedings - Dredge India INAvation, Mumbai (11th June, 2015
- d) Geography and You Waterways (Nov, 2015) Sustainability by modal shift to waterways, use of low emission fuels - S C Misra and A K Eswara.

11. Distinguished Visitors to the Campus:

Table 12

Sl. No.	Name of the Visitor and Designation	Date	Purpose of Visit
1.	Mr. Maneesh Pradhan (GM of AESM)	28.05.2016- 29.05.2016	Placements
2.	Mr. Chang (MD of APL Singapore)	24.04.2016	Placements

12. Placement:

Table 13

Sl.No.	No. of Students Placed	Names of the Companies
1.	19	Mediterranean Shipping Company, Global Company
2.	30	Shipping Corporation of India
3.	4	Anglo Eastern Ship Management
4.	5	Nippon Yusen Kaisha, Global Company
5.	5	Grest Eastern Shipping Company
6.	24	Fleet Management Ltd.
Total	87	

## IMU Kolkata Campus



## **VISAKHAPATNAM CAMPUS**

### 1. An overview and brief history of Visakhapatnam Campus:

The IMU Visakhapatnam Campus emerges from the confluence of the centrally established Indian Maritime University at Chennai, and India's premier ship design and maritime research institution, the National Ship Design and Research Centre (NSDRC). Pioneered in the early '90s by the Government of India to pilot and consolidate national domain knowledge with global vision, NSDRC has undertaken several milestone projects in the areas of Ship Design, Construction and Applied Research. Therefore, IMU Visakhapatnam Campus heralds the integration of visionary academic insight with the accumulated professional expertise and knowledge base on Ship Design and Maritime Technology. The School of Naval Architecture & Ocean Engineering (NA&OE) conducts Undergraduate Programme, B Tech (NA&OE) and Post-Graduate Programmes, M Tech (NA&OE), M Tech (Dredging & Harbour Engineering) and PhD.

### 2. Campus Directors:

Shri US Ramesh	Director I/C	01.04.2015 to 23.11.2015
Radm K Ravikiran (Retd)	Director	24.11.2015 to 31.03.2016

### 3. Programmes Offered:

- (a) B.Tech in Naval Architecture & Ocean Engineering.
- (b) M.Tech in Naval Architecture & Ocean Engineering.
- (c) M.Tech in Dredging and Harbour Engineering.
- (d) Ph.D in related field.

4. Students Admitted to Various Programmes during the Year:

Table 1

Sl No.	Name of the Programme	Sanctioned Annual Intake	Number of Students admitted during 2015-2016				
			Total	SC	ST	OBC-NCL	Female
1	B Tech (NA&OE)	40	33	04	02	13	04
2	M Tech (NA&OE)	20	08	02	-	02	02
3	M Tech (D&HE)	20	12	-	-	06	01
Grand Total			53	06	02	21	07

5. (i) Details of students studying in campus during the period programme-wise, batch-wise:

Table 2

Sl No.	Name of the Programme	Number of students studying in campus during 2015-16			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1	B Tech (NA&OE)	33	30	38	36
2	M Tech (NA&OE)	8	4	-	-
3	M Tech (D&HE)	12	6	-	-
Grand Total		53	40	38	36

(ii) Details of students studying in campus during the period programme-wise, category-wise:

Table 3

Sl No.	Name of the Programme	Number of students studying in campus during 2015-16			
		Total	SC	ST	OBC-NCL
1	B Tech (NA&OE)	137	19	7	46
2	M Tech (NA&OE)	12	2	-	4
3	M Tech (D&HE)	18	-	-	10
Grand Total		167	21	07	60

6. (i) Details of Faculty and Academic Staff:

Table 4

Sl No.	Programme	Permanent	Special visiting faculty/ Contract	Visiting	Outsourcing
1	B Tech (NA & OE)	2	6	15	-
2	M Tech (NA & OE)			3	-
3	M Tech (D & HE)			3	-
Grand Total		2	6	21	

(ii) Details of Administrative and other Staff:

Table 5

Sl No.	Department	Permanent	On Contract
1	All Department	26	2
Grand Total		26	2

7. Status of Plan Works:

Table 6

Sl. No	Description of the work	Sanctioned Amount (Rs. In Crores)	Status of the work
1	Construction of Administrative & Academic Block and Workshop	Admn. Block : 26.98 Work shop : 2.50 Total : 29.48	In progress expected date of completion as per tender 28.02.2018
2	Construction of Hostel Block (G+2) & Mess Block (G+1)	Hostel Block : 14.26 Mess Block : 4.63 Total : 18.89	In progress expected date of completion as per tender 28.02.2018
3	Development and Bulk Services	13.18	In progress expected date of completion as per tender 28.02.2018
4	Construction of Compound wall (balance portion), Security cabin, Box culvert, drains	3.51	In progress expected date of completion as per tender 30.10.2016
<i>Grand Total</i>		65.06	

8. Details of purchases made under SFC funds:

Table 7

Sl.No.	Description	Cost (Rs. In Lakhs)	Remarks
1	Replacement of 25KV Generator Set	25.05	Commissioned and is in working condition.
2	NAPA Software, Noise and Vibration /EMC software, Marin / WAMIT software etc	99.50	Purchase orders issued
Grand Total		124.55	

9. Performance Based Rewards received by the students:

Table 8

Sl No.	Course	No of Students who received Rs. 1,00,000/- reward	No of Students who received Rs. 75000/- reward
1	B Tech (7 <sup>th</sup> Sem)	1	4
2	B Tech (5 <sup>th</sup> Sem)	1	4
3	B Tech (3 <sup>rd</sup> Sem)	1	4
4	B Tech (1 <sup>st</sup> Sem)	1	4
5	M Tech (3 <sup>rd</sup> Sem)	1	2
6	M Tech (1 <sup>st</sup> Sem)	1	2
Grand Total		6	20

10. Co-curricular and Extra Curricular Activities of students:

(i) Awards won in Competitions / Seminars

a) Success Meet was conducted on 7-12-2015. Mr. Sudhansu was given Service Medal, memento and certificate for getting 1st Rank in E.A.A. All Students who completed 240 Hours of Social Service and youth related activities were given certificates.

b) An essay writing competition was conducted for the Students on "Digital India". 35 students participated in the competition. Rear Admiral K. Ravikiran (Retd), Director, of the Campus distributed prizes to the Winners on 7-3-2016 and appealed to the students to campaign on the importance of Digital Literacy in rural and urban slum areas.

c) Professor P Sambandan Memorial Prize. This prize has been instituted for recognizing the outstanding performance in Design courses of B.Tech (Naval Architecture & Ocean Engineering). The prizes were given away at a function for the first time.

Winners batch-wise

- |                          |                 |
|--------------------------|-----------------|
| i. Mr Ashwin Gadgil      | 2009-2013 batch |
| ii. MrTatan Paul         | 2010-2014 batch |
| iii. Mr S Adithya        | 2011-2015 batch |
| iv. MrSowmya Chakraborty | 2012-2016 batch |

(ii) Papers submitted /presentation made by Students

a) A Seminar on "Contemporary Social Activists in India" was conducted on 31-8-2015. The students presented papers on Anna Hazare, Medha Patkar, Sundarlal Bahuguna, Vandana

Shiva, Prof. Santha Sinha Aruna Roy, Swamy Agssivesh, Jaya Prakash Narayanan of Loksatta, Dr. Rajendra Singh and Kailash Satyarthi.

b) On the eve of Literacy day an Essay Writing Competition on "Role of Youth in Achieving 100% Literacy in India" was conducted on 8-9-2015. The winners and participants were given away prizes.

(iii) Other Activities

a) Workshop on Gender Sensitization on 6-4-2015.

b) Seminar on "Youth Issues "on 7-4-2015.

c) AIDS Awareness Programme on 9-4-2015. Dr N Ravichandran was the Chief Resource person.

d) Service activities in:

i. Lebenshilfe - A School for Mentally challenged children at M.V.P Colony, Visakhapatnam.

ii. Save our Souls (S.O.S) - A home for orphaned children at Bhimili on 15-4-2015.

e) Religious Harmony Tour on 18-4-2015. The B.Tech students visited Temple, Church, Mosque, Gurudwara and Buddhist place (Totlakonda) and offered prayers for the good of the Nation.

f) Students' interaction with self-help group leaders on 22-4-2015. The success stories of slum area women inspired the students.

- g) Students conducted Rangoli Competitions to the local slum women on 28-4-2015 and distributed prizes.
- h) Yoga Training was conducted for B.Tech II year students on 29-4-2015 Mr. Ghose Mohammad Khan and Mr. Vara Prasad were the Resource persons.
- i) Vocational Training Programme was conducted for II Year B.Tech students on 30-4-2015. Mr B Sankar, Trainer, J.S.S. (Jana Shikshan Sansthan) was the Resource person. The students prepared washing powder and phenol and handed these over in Mother Teresa's Old Age Home.
- j) A group discussion on "How to Change India?" was conducted on 24-08-2015.
- k) "Swatch Bharat" Programme was conducted on 2-10-2015, Competitions are conducted to students on Hostel Room neatness and Campus Cleanliness. Prizes were distributed to the winners.
- l) A Seminar was conducted on Adolescent Education on 27-10-2015 with the help of UNICEF. Videos on "Meena" episode were shown.
- m) Service activities in "Lebenshilfe" on 31-10-2015. Dr T Saraswathi Devi, Organizing Head of Lebenishilfe addressed the students
- n) A Seminar was conducted on "Human Rights "On 3-11-2015 Mr. Kuppili Muralidhar, Advocate, VSP was the Chief Resource person.

- o) One day National Workshop on "Development of Coastal & Inland Shipping - Emerging Technologies and Challenges ahead for Shipbuilding & Repair" was organized at IMU Visakhapatnam Campus on 7<sup>th</sup> November 2015.
- p) AIDS awareness Programme was conducted on 3-12-2015. Dr. N Ravichandran spoke on "HIV/ AIDS" and Ms. EPS Bhagya Lakshmi spoke on "Life Skills".
- q) Blood Donation Camp was conducted on 4-3-2016. Rear Admiral K Ravikiran (Retd.), Director, IMU, Visakhapatnam Campus inaugurated the Camp and donated blood. 59 units of blood was donated in the Camp.
- r) A Seminar was conducted on "Forest Tribes" on the eve of Forest day on 21-3-2016. Students studied about different Forest Tribes and their life styles on the internet and presented their views.
- s) A "Personality Development" programme was conducted for the students of 2nd year B.Tech on 28-3-2016. Mr R Madhusudhan Trainer, C.T.C was the Resource Person.
- t) IMU Vizag Campus Inter House Cultural Competitions were held and following games were conducted: Painting, Sketching, Essay writing, Rangoli, Antakshari, Photography, Elocution, Debate, Quiz, Solo song, Group song, Solo dance, Group dance.
- u) Truss Bridge Model made of ice cream sticks, being tested to its ultimate strength - "A Herculean task"

(iv) Research and Study Projects. A selective list of research works that are being carried out at School of Maritime Design and Research (SMDR) is appended below:-

- a) Study & modernization of design & construction of country crafts operating in coastal & river waters.
- b) Study of emissions from vessels operating in Indian coast, inland waterways & harbour craft.
- c) Conducting safety assessment studies on passenger vessels in Andaman Nicobar Islands, Lakshadweep Islands & Inland waters.
- d) Conducting market study & capacity building for Indigenization of dredger manufacture.
- e) Development of standard designs for coastal & short sea cargo ships.
- f) Conducting studies on "Flow around Ships in a Hydrodynamic Test Facility".
- g) Feasibility of Acoustic Remote Sensing of Suspended Sediment Concentration in the Near Shore areas (Acoustic Sediment Flux).
- h) Study of antifouling paint behavior due to loading and flow around ship's hull.
- i) Energy Consumption in Shipbuilding and Ship Dismantling.
- j) Energy Efficiency of Marine Power Plant.

k) Study of Productivity in Indian Shipbuilding Industry.

l) Standard Designs of tugs for 40, 50, 60T B.P with alternative propulsion systems.

m) Application of Flow Calculations on vessels in Shallow and Restricted waters.

(v) Ship Design Projects: The below are the Ship Design Projects carried out this academic Year 2015-2016.

Table 9

SI No.	Project	Client	Description of Work
1	Conceptual Design of New Advanced Coastal Research Vessel	NIOT, Chennai	Feasibility of various concepts was studied and the design was made successfully according to the various requirements projected by NIOT.
2	E-governance	D.G. Shipping Mumbai	AMC and changes for various modules of Phase-I

11. Papers submitted / presentation made by the faculties / staff:

Table 10

SI No.	Title of the paper	Authors	Conference/ Journals
1	Qualitative and Quantitative Analysis in comparing prospective CWCs	Pradeep JS Bhavaraju	GLOMARS, July 2015
2	Energy Consumption and Conservation in Shipbuilding	Ch Rajeswar Harish & Soumya K Sunil	GLOMARS, July 2015

3	Technological Change and Modernization in Design and Construction of Country Crafts Operating in Coastal and River Waters	Dr BV Ramalingeswar Rao, Y Sudheer & N Ananth Kumar	GLOMARS, July 2015
4	Competitiveness of Indian Ship Building Industry	K Muthuchelvi @ Thangam & D Sureshkumar	GLOMARS, July 2015
5	Information Needs and Usage Pattern in Maritime Industry - Considerations & Need for Setting up a National Documentation Centre for Maritime Information	S Padmashree & U S Ramesh	GLOMARS, July 2015
6	Need of Natural Biocides in antifouling paints for prevention of marine pollution	Madhu Joshi, A Mukherjee, S C Misra & U S Ramesh	GLOMARS, July 2015
7	Accident Analysis of River Boats Capsize in Indian Inland Waters and Safety Aspects related to Passenger Transportation	T Kalyani, DSP Vidyasgar & VSJ Srinivas	GLOMARS, July 2015
8	Identification of design drivers for reducing ship radiated underwater noise and the airborne noise levels on Tug's	GVV Pavankumar & P Sasmita	GLOMARS, July 2015
9	Some Statistical Relationships among Dredger Particulars Observed in the Indian Dredging Fleet	Eswar Arun Kishore & U.S. Ramesh	International Conference on Ship and Offshore Structures : Coastal and Inland Shipping 10-11 December 2015, Kharagpur India

10	Analysis of Antifouling Paints Using Drum Test Apparatus	Madhu Joshi, S.C.Misra&U.S. Ramesh	International Conference on Ship and Offshore Structures : Coastal and Inland Shipping 10-11 December 2015, Kharagpur India
11	Gandhi's Swadeshi Mythology and Economy --- A Study	Dr N Ravichandran	International Journal of Multidisciplinary Education Research Vol.4, No.12 December 2015
12	Cascade Block Cipher Using Braiding / Entanglement of Spain Matrices and Bit Rotation	P.Sirisha, D.Sravana Kumar & Ch Suneetha	International Journal of Network Security & Its Applications (IJNSA) Vol.8 No.2, March 2016

12. Distinguished Visitors to the Campus:

Table 11

SI No.	Name of the Visitor and Designation	Date	Purpose of Visit
1	Mr Ravi Shankar, Informatics India Limited, Bangalore	12-8-2015	Guest Lecture
2	Dr Stephen Tankel, Asst Prof. School of International Service, American University	17-8-2015	Guest Lecture

3	Dr. ElangovanMuniyandy, Technical Director, Green Ship Research Technology	06-11-2015	Guest Lecture
4	Shri Amit Bhatnagar, SIC, Indian Register of Shipping	27-01-2016	Guest Lecture
5	Prof. S Neelamani,  Sr Research Scientist, Kuwait Institute for Scientific Research, Kuwait	05-02-2016	Guest Lecture

### 13. Placement

Table 12

Sl No.	No of Student Placed	Names of the Companies
1	01	M/s Intergraph
2	04	M/s MDL
3	03	M/s CSL
4	01	M/s HSL
5	04	M/s IRS
6	02	M/s Class NK
7	03	M/s Pipavav Shipyard Ltd
8	01	M/s Odense Maritime
9	01	Start-up M/s VANG E&S
10	01	IIM for MBA
11	02	IIT for M Tech
12	01	US University for MS
Total	24	

## IMU Visakhapatnam Campus



## **IMU Kochi Campus**

### 1. An overview and brief history of Kochi Campus:

The Smart city of Kochi enjoys a rich maritime history and is home for various maritime establishments such as the Cochin Port Trust, Cochin Shipyard Limited, the Indian Navy's Southern Naval Command, the International Container Trans-shipment Terminal and a host of other ancillary industries supporting the maritime sector including the ship building and repair industry.

The IMU Kochi was established in 2009 with the first campus being setup at the training center of Cochin Port Trust. The foundation stone for this Administration-cum-Academic Building was laid on 18 September 2011. Diploma in Nautical Science was the first course introduced and as time progressed additional courses related to the Maritime Sector were added.

The campus is located in a sprawling 10 acre campus in Willington Island and includes a newly built Academic cum Administrative Building, Workshop and Students' hostel. Additional infrastructural developments such as students hostel and sports facilities are all envisaged and construction of the same is progressing at a fast pace. The Campus has come a long way from its humble beginning in 2009 and presently offering Post Graduate and Under Graduate courses covering all aspects of the shipping industry right from ship construction to ship manning and ship operations.

The courses offered include B.Sc. (Ship Building and Repair), B. Sc. (Nautical Science), Post Graduate Diploma in Marine Engineering & MBA courses in Port & Shipping Management and International Transportation & Logistics.

The vision is to create state of the art facilities to make IMU Kochi Campus a world class technical Institution.

2. Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2015 to 31.03.2016):
  1. 01-04-2015 - 30-07-2015 - Dr.B. Swaminathan (Director (i/c)
  2. 31-07-2015 – 05-11-2015 - Dr.M. Sekar (Director (i/c)
  3. 06-11-2015 – 31-03-2016 - Rear Adm. Prem Kumar Nair
3. Names of the UG, PG, Ph.D programmes offered in the Campus during the period.If any new programmes were introduced during the period, specify:

P.G. Courses:

1. MBA in Port and Shipping Management
2. MBA in International Transportation and Logistics Management
3. PG. Diploma in Marine Engineering

U.G. Courses:

1. B.Sc in Ship Building and Repair
2. Diploma in Nautical Science leading to B.Sc. (Applied Nautical Science).

4. Details of students admitted to various programmes during the period:

Table 1

Sl. No.	Name of programme	Sanctioned Annual Intake	Number of students admitted during 2015-16				
			Total	SC	ST	OBC-NCL	Women
1.	MBA (ITL)	30	16	1	NIL	7	2
2.	MBA(PSM)	30	NIL	NIL	NIL	NIL	NIL
3.	B.Sc.(SBR)	40	25	3	2	11	NIL
4.	D.N.S Leading to B.Sc. NS	30	07	0	2	3	NIL
5.	PGDME	40	03	1	NIL	2	NIL
Grand Total			51	5	4	23	2

5. i) Details of students studying in Campus during the period - programme-wise, batch-wise:

Table 2

Sl. No.	Name of programme	Number of students studying in Campus during 2015-16			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1.	MBA (ITL)	16	11	0	NA
2.	MBA(PSM)	NIL	07	0	NA
3.	B.Sc.(SBR)	25	16	32	NA
4.	D.N.S Leading to B.Sc. NS	07	0	0	NA
5.	PGDME	03	0	0	NA
Grand Total		51	34	32	0

(ii) Details of students studying in Campus during the period programme-wise, category-wise:

Table 3

Sl. No	Name of programme	Number of students studying in Campus during 2015-16 (all batches put together)			
		Total	SC	ST	OBC-NCL
1.	MBA (ITL)	27	2	-	15
2.	MBA(PSM)	07			4
3.	B.Sc.(SBR)	73	11	5	30
4.	D.N.S Leading to B.Sc. NS	07		2	3
5.	PGDME	03	1	0	2
Grand Total		117	14	7	54

6. Details of Faculty and Academic Staff-Programme Wise

Table 4

Sl.no.	Discipline	Permanent	Special visiting faculty	Contract	Visiting	Outsourcing
1.	M.B.A	4	-	-	4	-
2.	B.Sc. SBR	2	-	2	6	-
3.	Diploma in Nautical Science	2	-	1	4	-
4.	PGDME		-	1	4	-
5.	Assistant Librarian	1	-			-
<i>Grand Total</i>		9	-	4	18	-

(ii) *Details of Administrative and other Staff:*

Table 5

Sl.No.	Department	Permanent	On Contract	Outsourcing
1.	Director	1	-	-
2.	Assistant Registrar	2	-	-
3.	A.A.O	-	1	-
4.	Assistant Finance	1	1	-
5.	Junior Assistant (Accounts)	-	1	-
6.	Junior Assistant (Admin)	-	1	-
7.	Warden	-	2	-
8.	Library Assistant	-	1	-
9.	Workshop Instructor	-	1	-
<b>Grand Total</b>		<b>4</b>	<b>8</b>	-

7. Status of Plan Works:

Table 6

Sl. No	Description of the work	Sanctioned Amount (Rs. In Lakhs)	Status of the work
1.	Construction of Administrative cum Academic Building With a Total Area of 3500.00sq.mt	1600	Work Completed
2.	Construction of Basic Marine Workshop with a Total Area of 560.00 sq.mt	216	Work Completed
3.	Providing and Laying of CC paver Blocks	27	Work Completed
4.	Manufacture and Erection of Ship Mast	46.62	Work Completed
5.	Furniture for the New Academic cum Administrative Block	160.40	Work Completed

6.	Construction of Volley Ball & Basket Ball Court	56.20	Work Completed
7.	Planting of Trees & Plants Including Horticulture	4.70	Work Completed
8.	Electrical Substation in 10 acres Land	182.90	Work in Progress
9.	Construction of Sewage Treatment Plant & Construction of Road Envisaged in Master Plan	64.57	Work in Progress
10.	Construction of 120 Bedded Boys Hostel	1199	Tenders Invited
<b>Grand Total</b>		<b>3557.39</b>	

8. Performance Based Rewards received by the students:

Table 7

Sl.No	Course	No. of Students who received Rs.1,00,000/- reward	No. of Students who received Rs.75,000/- reward
1.	B.Sc.(SBR)	3	6
2.	M.B.A. (ITL)	0	2
3.	M.B.A.(PSM)	1	0
Grand Total		4	8

9. *Co-curricular and Extra-curricular Activities of Students:*

(i) Awards won in Competitions/seminars

- Students from the MBA department of IMU, Kochi won the overall 1st Prize in 'Estuary' in addition to many individual prizes in the Inter-Campus Competition conducted at IMU, Chennai on 6<sup>th</sup> and 7<sup>th</sup> April 2016.
- IMU, Kochi Campus won 3rd Prize in overall category among IMU Campuses at IMU's 8th Foundation Day Celebrations on 14th November 2015.
- Chandralek Pingua of B.Sc (SBR) won 1<sup>st</sup> prize in sketching competition at IMU's 8<sup>th</sup> Foundation Day Celebrations on 14<sup>th</sup> November 2015.
- Sarthak Das and Amlan Rout B.Sc (SBR) won 1<sup>st</sup> prize in collage category at IMU's 8<sup>th</sup> Foundation Day Celebrations on 14<sup>th</sup> November 2015.
- Harsh Vardhan of B.Sc (SBR) won 2<sup>nd</sup> prize in mimicry competition at IMU's 8<sup>th</sup> Foundation Day Celebrations on 14<sup>th</sup> November 2015.
- Saurabh Singh and Isabha Shresth won 2<sup>nd</sup> prize in quiz competition at IMU's 8<sup>th</sup> Foundation Day Celebrations on 14<sup>th</sup> November 2015.

(ii) Papers submitted/presentation made by Students

Mr. Prabhat Kumar Chaturvedi of the 1<sup>st</sup> year MBA (ITL) course secured third position for paper presentation titled "*Import and*

*Export in Current Global Scenario*” at the National Level Technical Symposium-Blue Seaways’16 held at Coimbatore Marine College (CMC), Coimbatore on 12th March 2016.

(iii) Other activities

- a) A Maritime debate on “Proximity and Port Competition: Cochin Port and Vizhigam deep water multi cargo port” was conducted on September 22, 2015 at IMU, Kochi Campus.
- b) MBA Students Participated in the Management Fete ‘In-Flore’ conducted at Rajagiri College of Management & Applied Sciences, Kochi on 15<sup>th</sup>& 16<sup>th</sup> October 2015.
- c) MBA Students Participated in the Management Fete MAGONN 2K15 conducted in M.E.S.-Advanced Institute of Management and Technology, Aluva, Kochi on 28<sup>th</sup>& 29<sup>th</sup> October 2015.
- d) MBA Students attended the Maritime India Summit 2016 from 14 -16 April, at Mumbai.

10. Placement:

Table 8

Sl.No.	No. of Students Placed	Names of the Companies
1	MBA -12	1.DIABOS 2.Centurion (Maldives) 3.Lots Shipping
2	B.Sc.SBR -5	1.Cochin Shipyard Ltd.
<i>Total</i>	17	

**IMU Kochi Campus**



# INDIAN MARITIME UNIVERSITY and its Campuses



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