



# **INDIAN MARITIME UNIVERSITY**

**(A Central University under the Union Ministry of Shipping)**



**ANNUAL REPORT  
2016 - 2017**



भारतीय समुद्री विश्वविद्यालय

# **INDIAN MARITIME UNIVERSITY**

**ANNUAL REPORT**

**2016 – 2017**



**VISITOR**

SHRI PRANAB MUKHERJEE

President of India

**CHANCELLOR**

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Shri K. Ashok Vardhan Shetty

**REGISTRAR**

Shri S.V. Durga Prasad

**FINANCE OFFICER**

Dr. G. Venkatesh

**CONTROLLER OF EXAMINATIONS**

Shri S.V. Durga Prasad



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# **INDIAN MARITIME UNIVERSITY**

## **Annual Report 2016-2017**

### **1. Introduction:**

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

- i. Training Ship Chanakya, Mumbai;
- ii. Marine Engineering and Research Institute (MERI), Mumbai;
- iii. Marine Engineering and Research Institute (MERI), Kolkata;
- iv. Lal Bahadur Shastri Centre for Advanced Maritime Studies (LBSCAMSAR), Mumbai;
- v. National Maritime Academy (NMA), Chennai;
- vi. Indian Institute of Port Management (IIPM), Kolkata; and
- vii. National Ship Design and Research Centre (NSDRC), Visakhapatnam.

Institutes no.i to iv were Central Government Institutes whereas Institutes no. v to vii were 'Registered Societies'.

b. 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

c. 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.

- d. 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**

- a. 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.
- b. 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.
- c. 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.

- d. 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
- e. 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**

- a. 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.
- b. After the creation of IMU on 14.11.2008, the following courses are being offered by IMU:

#### U.G. Courses:

- 4-year B.Tech (Marine Engineering) was started in Mumbai and Chennai Campuses.
- 4-year B.Tech (Naval Architecture & Ocean Engineering) was started in Visakhapatnam Campus.

- 3-year B.Sc (Nautical Science) was started in Chennai Campus.
- 3-year B.Sc (Ship building & Repair) was started in Cochin Campus.
- 1-year Diploma in Nautical Science (DNS) was started in Kolkata, Chennai, Cochin, and the erstwhile Kandla Port and Karaikal Campuses.

P.G. Courses:

- 2-year M.Tech (Naval Architecture & Ocean Engineering) was started in Visakhapatnam Campus.
- 2-year M.Tech (Dredging & Harbour Engineering) was started in Visakhapatnam Campus.
- 2-year MBA (Port & Shipping Management) was started in Chennai and Cochin Campuses.
- 2-year MBA (International Transportation & Logistics Management) was started in Chennai, Cochin and Kolkata Campuses.
- 2-year L.L.M (Maritime Law) was started in Chennai Campus.
- 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.
- c. The various School Boards that were created by the University and are functioning at present are:
- i. School of Marine Engineering & Technology
  - ii. School of Nautical Studies
  - iii. School of Naval Architecture & Ocean Engineering
  - iv. School of Maritime Management
  - v. School of Allied Studies
  - vi. School of Naval Studies
  - vii. 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:**

- a. 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.
- b. 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.
- c. 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 22,495 candidates registered for IMU's CET. 17,578 candidates appeared for the CET which was conducted on 04.06.2016. The results of the CET were published on 09.06.2016.

## **6. Online Counselling**

- a. 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.
- b. 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.

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

**Table-1**

<b>Year</b>	<b>Number of Students who Attended IMU's Counselling</b>
2011	1045
2012	956
2013	1076
2014	1603
2015	1966
2016	2997

- d. IMU's Online Counselling 2016 started on 10<sup>th</sup> June 2016 and concluded on 23<sup>rd</sup> June 2016. 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 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:

- a. IMU is an affiliating university with 24 Affiliated Institutes as on 31.3.2017. The State-wise break-up is as follows:

**Table-2**

Tamil Nadu 7	Andhra Pradesh 1
Maharashtra 9	Andaman & Nicobar 1
New Delhi 2	Uttar Pradesh 2
Kerala 2	

- b. The details of the various Affiliated Institutes are given below:

**Table-3**

SI. No.	College Name	Programmes Offered	No. of Seats	CIP Grade	Seats Filled		
					August		
					2016	2015	2014
1.	Anglo Eastern Maritime Academy, Mumbai	DNS	160	A1	160	160	160
2.	Applied Research International, New Delhi	DNS	120	A1	65	80	43
3.	Coimbatore Marine College, Coimbatore	B.Tech (ME)	80	A2	36	38	63
4.	College of Ship Technology, Palakad	B.Sc (SBR)	40	-	7	6	15
5.	Dr. B R Ambedkar Institute of Technology, Port Blair	DNS	30	A2	1	9	Nil

6.	Euro Tech Maritime Academy, Cochin	DNS	80	A1	Nil	Nil	9
		B.Tech (ME)			69	35	
7.	HIMT College, Chennai	B.Tech (ME)	80	A1	51	26	21
		B.Sc (NS)	80		51	12	23
8.	Hind Institute of Nautical Science & Engineering, Noida (U.P)	B.Sc (SBR)	40	-	Nil	7	20
9.	International Maritime Institute, New Delhi	DNS	120	A1	86	99	92
		B.Tech (ME)	40		39	26	26
10.	MMTI'S Education & Research Trust, Mumbai	DNS	40	B1	Nil	16	22
11.	Park Maritime Academy, Coimbatore	B.Tech (ME)	40	B2	3	Nil	13
12.	Maritime Training Institute, (SCI) Mumbai	DNS	120	A1	80	83	43
13.	Maritime Training Institute, (SCI) Tuticorin	DNS	40	-	40	40	38
14.	Perunthalaivar Kamarajar Institute of Maritime Science and Engineering, Chidambaram	DNS	40	-	Nil	Nil	8
15.	RL Institute of Nautical Sciences, Madurai	B.Tech (ME)	120	A2	7	27	-
16.	Sailors Maritime Academy, Visakhapatnam	DNS	40	-	Nil	13	11
17.	Samundra Institute of Maritime Studies, Mumbai	DNS	120	A1	119	119	140
		B.Tech (ME)	40		40	36	40
18	Sriram Institute of Marine Studies, New Delhi	DNS	40	-	19	Nil	5

19.	Southern Academy of Maritime Studies, Chennai	DNS	40	B1	40	11	15
20.	The Great Eastern Institute of Maritime Studies, Mumbai	DNS	80	A1	80	80	80
21.	Tolani Maritime Institute, Pune	DNS	120	A1	85	71	80
		B.Sc (NS)	80		76	-	-
		B.Tech (ME)	240		225	-	-
22.	Training Ship Rahman, Mumbai	DNS	120	A1	85	95	56
23.	Vishwakarma Maritime Institute, Pune	DNS	40	A2	23	28	28
24.	Yak Education Trust, Mumbai	DNS	120	A2	45	Nil	31

## 8. Trends in Admissions

- a. 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		2016-17	
C	A	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	962	1899

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 2016-17.

- b. 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-2016-17			
<b>S. No</b>	<b>Programme</b>	<b>Sanctioned Strength</b>	<b>No. of Candidates Admitted</b>
<b>UG Programmes</b>			
1	Diploma in Nautical Science Leading to B.Sc (Applied Nautical Science)	200	85
2	B.Sc (Nautical Science)	305	266
3	B.Sc (Maritime Science)	40	28
4	B.Sc (Ship Building & Repair)	40	29
5	B.Tech (Marine Engineering)	366	324
6	B.Tech (Naval Architecture & Ocean Engineering)	40	36
<b>Total</b>		<b>991</b>	<b>768</b>
<b>PG Programmes</b>			
1	MBA (Port & Shipping Management)	60	36
2	MBA (International Transportation & Logistics Management)	90	82
3	M.Tech (Naval Architecture & Ocean Engineering)	20	13
4	M.Tech (Dredging & Harbour Engineering)	20	14
<b>Total</b>		<b>190</b>	<b>145</b>
<b>Grand Total</b>		<b>1181</b>	<b>913</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.

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

- a. 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.
- b. The Campus-wise break-up is as follows:

**Table-6**

<b>Particulars</b>	<b>Total (Rs. in crore)</b>
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>

c. The Year-wise break-up is as follows:

**Table-7**

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

d. The Item-wise break-up is as follows:

**Table-8**

<b>Sl.No.</b>	<b>Particulars</b>	<b>Amount (Rs. Crore)</b>
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

e. Release of Funds: During the year 2015-16, IMU received an amount of Rs.35 crore from Ministry of Shipping as Plan Fund. The entire amount was utilized before 31.03.2016.

f. Status of Plan Works in IMU HQ

**TABLE-9**

<b>Sl.No.</b>	<b>Description of the work</b>	<b>Amount Sanctioned and Utilized (Rs. In lakhs)</b>
1	Bank, ATM & Post Office	2.50
2	Canteen including equipment and furniture	2.00
3	Vehicle Parking – Construction	0.50
4	Mess-cum-Dining Hall for new Hostel building	2.00

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

- a. 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.
- b. 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.

- c. In 2016-17, 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 31.03.2017.

### **13. 9<sup>th</sup> Foundation Day**

- a. Ninth Foundation Day of Indian Maritime University was celebrated on 14th November 2016 at IMU, Chennai. Shri Gopal Srinivasan, Chairman & Managing Director, TVS Capital Funds Ltd was the Chief Guest for the function and delivered the Keynote Address.
- b. Smt Srilalitha Gopal distributed the prizes to the winners of various competitions.

### **14. 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 10**

<b>Sl.No.</b>	<b>State/Union Territory</b>	<b>Seats Reserved</b>	<b>No. of Candidates admitted in 2016-17</b>
1.	North Eastern States	40	26
2.	Lakshadweep Islands	10	06
3.	Andaman & Nicobar	20	03
4.	Jammu and Kashmir	10	06
Total		80	41

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.

#### **15. 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 next ten percentile get Rs.50,000/- each. The first set of Performance-based Rewards was given to 595 meritorious students (out of whom 34 were toppers) at an expense of Rs.4.08 crores.

## **16. 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.

## **17. 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.



## 18. Recruitments

Total Number of Post filled for the year 2016-17 are as follows:

**Table 11**

<b>S.No.</b>	<b>Name of the Post</b>	<b>Number of Personnel Joined</b>
1.	Associate Professor	2
2.	Assistant Professor	4
3.	Assistant Engineer (Electrical)	1
5.	Hostel Warden	1
6.	Assistant Registrar	6
7.	Assistant Registrar (Finance)	3
8.	Assistant (Finance)	23
9.	Assistant Librarian	5
10.	Library Assistant	10
Total		55

## 19. Ordinances

In exercise of the powers conferred by Section 47(1) of the Indian Maritime University Act 2008 (22 of 2008), 12 number of Ordinances were published in the Gazette of India during the year 2016-17.

## 20. RTI STATUS AS PER RECORD AVAILABLE IN IMU HQ

<b>S.No</b>	<b>Name Of Campuses</b>	<b>RTI Request Recived</b>	<b>RTI Request Disposed Of</b>	<b>Pending Status</b>
1	IMU,Headquarters	32	32	NIL
2	Chennai Campus	1	1	NIL
3	Mumbai Campus	3	3	NIL
4	Kolkata Campus	9	9	NIL
5	Visakhapatnam Campus	NIL	NIL	NIL
6	Cochin Campus	NIL	NIL	NIL

**21. DETAILS OF VIGILANCE CASES PENDING AND CLOSED DURING 2016-17**

S.N.	Name of the Employee/ Party	Description of the case	When it is happened	Status	Remarks
1	<p>(i) Prof. N.P. Srinivasan, Former Head &amp; Professor, Dept. of Commerce, University of Madras (Chairperson, Screening Committee)</p> <p>(ii) Dr. R. Madhumathi, Professor, Management, IIT Chennai (Member, Screening Committee)</p> <p>(iii) Dr. B. Chithra, Controller of Examination (CoE), IMU (on deputation from Pondicherry University) (Member, Screening Committee)</p>	<p>Irregularity in the recruitment to the post of Professor (Management, Public Policy, Social Science) (ie. Selection of Dr. Gurudas Gupta)</p> <p>Screening committee had relaxed educational qualification, experience and 8 years of age in the case of Dr. Gurudas Gupta. The Scrutinising committee did not record in its minutes about the shortage in eligibility condition.</p>	October 2012	Pending	

	<p>(i) Prof. R.Sundara Vadivelu, Professor, Ocean Engineering, IIT Chennai (Chairperson, Screening Committee)</p> <p>(ii) Shri P.K. Balan, (Member, Screening Committee)</p>	<p>(b) Irregularity in the recruitment to the post of Professor (Naval Architecture &amp; Ocean Engineering) (ie. Selection of Dr. C.B. Sudheer)</p> <p>Screening committee has relaxed Age for 1year and 6 months in the case of Dr. C.B. Sudheer. The Scrutinising committee did not record in its minutes about the shortage in eligibility condition.</p>	November 2012	Pending	
2	<p>(i) Capt. Mukesh Baveja, Vice Chancellor I/C, IMU</p> <p>(ii) Capt. S.B. Sinha, Nautical Officer, TS Chanakya, IMU Mumbai Campus</p> <p>(iii) Shri S. Vasudevan, Finance Officer &amp; Registrar I/C, IMU</p>	<p>Complaint against the officials of the Ministry - Irregularity in the selection of Faculty (Nautical Science) (ie. In the selection of Capt. K. Venkat Rao) at IMU-Kandla Campus on contract basis.</p> <p>The screening committee members had failed to check the validity of CoC in India during the time of recruitment by the Selection Committee.</p>	July 2013	Pending	
3	Dr. P. Vijayan, Ex- Vice Chancellor, IMU	Group Medical Insurance Scheme with Floater Benefit to employees of NMA and to contract employees without the approval of Finance Committee and Executive Council.	2009-10 to 2014-15	Minor Penalty Awarded	'Censure' was issued as per decision taken by Executive Council (EC) on 09/12/2016

4	Dr. P. Vijayan, Ex- Vice Chancellor, IMU	Dr. P. Vijayan the first Vice Chancellor (VC) and Dr. D. Gunasekaran, the first Registrar committed a serious mistake and issued letters of affiliation without collecting the Affiliations Fees upfront. The total amount of Affiliation Fees remaining to be collected as on 26.06.2014 was Rs.23.64 Crores which works out to Rs. 20.19 Crores when Dr. P. Vijayan was Vice Chancellor, IMU. Dr. P. Vijayan has therefore caused a loss of revenue of Rs. 20.1925 Crores to IMU by his act of not collecting the Affiliated Fees.	2009-10 to 2011-12	Pending	Case File with all the Investigation/ Vigilance Report, Memorandum of Charges together with Annexures has been handed over to DA/IMU for comments of DA/IMU. DA/IMU yet to provide comments and the file has not been returned to Vigilance.
5	Dr. P. Vijayan, Ex- Vice Chancellor, IMU	Providing of false information by Dr. P. Vijayan, while submitting his application dated 24.08.2013 for selection to the post of Vice Chancellor, IMU Chennai	2013	Pending	

6	Dr. P. Vijayan, Ex- Vice Chancellor, IMU	Dr. P. Vijayan, Director, IMU Chennai Campus had failed to intimate the large number of transactions of sale and purchase of immovable properties and huge borrowings and also non-intimation of his declaring income under Voluntary Disclosure of Income Scheme (VDIS). Possession of assets disproportionate to known sources of income	December 1997	Pending	Case File with all the Investigation/ Vigilance Report, Memorandum of Charges together with Annexures has been handed over to DA/IMU for
7	Dr. P. Vijayan, Ex- Vice Chancellor, IMU	Misuse of official position by Dr. P. Vijayan after demitting office of VC on 19.11.2011 i.e. continued to use the services of 2 Security Guards, 2 House Keeping Staff and 1 Gardener at his private residence at IMU's expense. Further he had utilised two cars whereas as Director of erstwhile NMA he was eligible for one car only.	Nov 2011 to Aug 2014	Pending	comments of DA/IMU. DA/IMU yet to provide comments and the file has not been returned to Vigilance.

## Indian Maritime University Signs MOU with 6 Foreign Universities and Andaman & Nicobar Administration



VC, IMU signed a MOU on 15.04.2016 with Mr. Peter Ingram, Head of International Partnerships, Plymouth University, UK during the Maritime India Summit 2016 in Mumbai in the presence of Shri Nitin Gadkari, Hon'ble Union Minister of Shipping, Road Transport and Highways.



VC, IMU signed a MOU on 15.04.2016 with Mr. Sorgey Alokchovich Ogal, Rector, AGIN Maritime State University, Vladivostok, Russia during the Maritime India Summit 2016 in Mumbai in the presence of Shri Nitin Gadkari, Hon'ble Union Minister of Shipping, Road Transport and Highways.



VC, IMU signed a MOU on 15.04.2016 with Mr. Sean Walsh, Deputy Director, Institute of Chartered Shipbrokers, London during Maritime India Summit 2016 in Mumbai in the presence of Shri Nitin Gadkari, Hon'ble Union Minister of Shipping, Road Transport and Highways.



VC, IMU signed a MOU on 15.04.2016 with Rear Admiral ASM Abdul Baten, VC, BSMR Maritime University, Dhaka, Bangladesh during the Maritime India Summit 2016 in Mumbai in the presence of Shri Nitin Gadkari, Hon'ble Union Minister of Shipping, Road Transport and Highways.



VC, IMU signed a MOU on 15.04.2016 with Shri Anindo Majumdar, IAS, Chief Secretary, Andaman & Nicobar Administration, Port Blair during the Maritime India Summit 2016 in Mumbai in the presence of Shri Nitin Gadkari, Hon'ble Union Minister of Shipping, Road Transport and Highways.



Dr. Cleopatra Doumbia-Henry, President, World Maritime University, Malmo, Sweden visited IMU's Exhibition Stall during the Maritime India Summit 2016 on 15.04.2016 in Mumbai.



**The Hon'ble Union Minister of State for Road Transport & Highways, Shipping and Chemical & Fertilizers, Shri Mansukh L. Mandaviya visited IMU, Chennai on 27.10.2016.**



**Dr. V. Krishnamurthy, Chancellor, IMU declared open the renovated Auditorium, Guest House, Seminar Halls and Marine Hostel Building with two additional floors (2nd and 3rd Floors) and a new Sub Station Building at IMU, Chennai on 8th November 2016**



**9th Foundation Day held on 14.11.2016**



## **IMU HEADQUARTERS – NEW BUILDINGS**



**Administrative Block, Library and Auditorium Block**

## 22. IMU Chennai Campus

### 1. Brief History of the 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.

### 2. Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2016 to 31.03.2017):

Shri Rajeeva Prakash - 01.04.2015 – 03.10.2016

Shri S V Durga Prasad - 04.10.2016 – 31.03.2017

Director I/c

### 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:

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 2016-17				
			Total	SC	ST	OBC-NCL	Women
1.	B.Sc	120	91*	15	-	21	01
2.	D N S	80	37#	3	5	8	
3.	MBA	75	71	8		14	08
Grand Total			199	26	5	43	09

\*One cadet Mr. Hridesh Hari IMU Enrol No: 1603710027 discontinued the course due to injury.

# One cadet Mr. Sunny Kumar IMU Enrol No: 1503813023 rejoined the course as Break in Studies case

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 2016-17			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
01	B.Sc	90	45	40	
02	B.Tech	Nil	nil	57	74 *
03	D N S	37	n.a.	n.a.	n.a.
	MBA	71	43	n.a.	n.a.
Grand Total		198	88	97	74

\*One cadet rejoined the course, as Break in Studies case.

- i. 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 2016-17 (all batches put together)			
		Total	SC	ST	OBC-NCL
	B.Sc	175	22	3	48
	B.Tech	131	9	2	52
	D N S	37	3	5	08
	MBA	114	13	-	26
Grand Total		457	47	10	134

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

**Table 4**

<b>Sl.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
Nautical Science/Marine Engineering			
1.	Revalidation for Masters		
2.	Revalidation for Mates – Operational level	5 days	105
3.	Company Security Officer Course	3 days	11
4.	Port Facility Security Officer Course	3 days	02
5.	PSC & RB Refresher Course	11 day	721
6.	Medical First Aid Refresher Course	1 days	25
7.	Personal Safety & Social Responsibility	03 days	106
8.	Elementary First aid	2.5 days	77
9.	Fire Prevention and Fire Fighting	3 days	77
10.	Personal Survival Techniques	2.5 days	77
11.	Security Training for Seafarers (STSDSD)	2 days	77
12.	MEO Class I	2 months	171
13.	Diesel Engine Combustion GasMonitor Simulator	3 days	167
14.	Refresher & Updating Course for Engineers (Revalidation)	11 days	51
15.	Global Maritime Distress and Safety System Course	2 weeks	16
<i>Grand Total</i>			1709

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

**Table 5**

<b>Sl.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
	<b>NIL</b>		
<i>Grand Total</i>			

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

**Table 6**

<b>S.No.</b>	<b>Discipline</b>	<b>Permanent</b>	<b>Special visiting faculty/ contract</b>	<b>Visiting</b>	<b>Outsourcing</b>
1.	School of Maritime Management	04	Nil	04	NIL
2.	Nautical Science	03	03	10	
3.	Marine Engineering	05	02	17	
<i>Grand Total</i>		12	05	31	

(ii) Details of Administrative and other Staff:

**Table 7**

<b>S.No</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>	<b>Outsourcing</b>
1.	Administration	21	02	NIL
2.	Finance & Accounts	07	00	
3.	Engineering Cell	06	02	
4.	Workshop	07	00	
5.	Medical	01	01	
6.	Library	04	00	
	<i>Grand Total</i>	46	05	

8. Status of Plan Works:

**Table 8**

<b>Sl. No</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. In Lakhs)</b>	<b>Status of the work</b>
01.	Modification of existing Dining Hall in the first floor near auditorium to Classroom (2 nos.)	29.36	Work completed and inaugurated by Hon'ble Chancellor, IMU on 08.11.2016
02.	Renovation of existing auditorium	160.17	
03.	Renovation of existing Guest House	25.77	
04.	Vertical Extension of Marine Hostel from existing G+1 to G+3 floors	643.16	
05.	Construction of Substation and providing substation equipment	242.48	
06.	Transparent water proofing silicon wall coating for external surface of buildings  Relaying of damaged line including manholes and pumping tanks for IMU Buildings	56.52	Work completed.
07.	Providing of signages at IMU Chennai Campus	7.00	Work completed.
08.	Renovation of existing toilets in Administrative Building	31.58	90% work completed. Work in progress.
09.	Relaying of damaged line including manholes and pumping tanks for IMU Buildings	59.97	Work in progress
10.	Proposed construction of bank building due to widening of ECR	41.12	Finishing work in progress



11.	Proposed construction of annexe building adjacent to academic block to install simulators	2.83	Finishing work in progress
12.	Painting of administrative block	9.78	Work in progress
13.	Replacing the damaged roof sheet, frame work and false ceiling	4.89	Work in progress
14.	Providing steel staircase at the rear side of auditorium and semi permanent shed for the Generator	4.41	Work in progress
15.	Painting of sub staff quarters and renovation of toilets	4.71	Work in progress
16.	Renovation and Maintenance of Faculty Quarters, Staff quarters and DD3 Building	16.09	Work in progress
<i>Grand Total</i>		1339.84	

9. Details of purchases made under SFC funds:

**Table 9**

<b>SI. No.</b>	<b>Description</b>	<b>Cost (Rs. In Lakhs)</b>	<b>Remarks</b>
01.	Installation of wi-fi	84.94	
02.	Library books	39.33	
<i>Grand Total</i>		124.27	

10. Performance Based Rewards received by the students:

**Table 10**

<b>Sl. No</b>	<b>Course</b>	<b>No. of Students who received Rs.1,00,000/- reward</b>	<b>No. of Students who received Rs.75,000/- reward</b>	<b>No. of students who received Rs.50,000/- reward</b>
01.	B.Sc. NS	01	26	13
02.	B.Tech ME	02	39	22
03.	MBA	03	16	04
<i>Grand Total</i>		07	86	34

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

(i) Awards won in Competitions/Seminars/Sports

- (a) Sports fest organized by IMU Chennai campus named as "IMU cup "
  - (i) 1<sup>st</sup> prize in cricket is won by B.Sc nautical science
  - (ii) 2<sup>nd</sup> prize in cricket is won by B. Tech marine engineering
- (b) Students of B.Sc (NS) and B.Tech (ME) had participated in a National level technical symposium named as "yantra-2016" organized by Meenakshi Sundararajan Engineering college, chennai.
- (c) Students of B. Tech (ME) attended "one day International workshop on automotive Ic engines" named as "AIC-2016" organized at Dhanalakshmi College of Engineering, Chennai by top engineers.
- (d) Students of B. Tech(ME) had participated in a National level technical symposium named as "sail synergy-16" organized by Sri Venkateswara college of Engineering, Chennai.
  - ii. 2<sup>nd</sup> prize in quiz by b. Tech marine engineering
- (e) Students of B. Tech (ME) attended "One day international workshop on engine combustion and vehicle chassis" named as "steer-2016" organized ICSA seminar hall, Chennai by top Engineers.
- (f) Students of B.Sc (NS) and B. Tech (ME) attended "1<sup>st</sup> National workshop on ballast water management" named as "nwbm-2016" organized by National institute of technology, Chennai (ministry of earth science).

- (g) Students of B.Sc (NS) and B.Tech (ME) had participated in a National level technical symposium named as "Technovation-2016" organized by HIMT College, Chennai.
  - (i) 2nd prize in debate is won by B.Tech (ME) & B.Sc (NS)
  - (ii) 3rd prize in paper presentation is won by B.Tech (ME)
- (h) Vigilance awareness week 2016 organized by IMU Chennai Campus
  - (i) 1st, 3rd, 5th, 6th, 7th and 8th prize in Essay writing is won by B. Tech (ME) students
  - (ii) 4th, 9th and 10th prize in essay writing is won by B.Sc (NS) students
  - (iii) 2nd prize in essay writing is won by MBA student
- (i) Vigilance awareness week 2016 organized by port of Chennai
  - (i) 2nd prize in essay writing is won by B.Sc (NS) students
  - (ii) IMU 9th foundation day organized and hosted by IMU Chennai Campus. IMU CC was a Runner-up among all the campuses.
- (j) Model making and paper presentation competition organized by IMU Chennai campus as per Head Quarters order.
- (k) Marine engineering paper presentation competition 1st, 2nd and 3rd prizes won by B.Tech (ME) students.
- (l) Nautical science paper presentation competition 1st and 2nd prizes won by B.Sc (NS) students.
- (m) Model making competition 1st, 2nd and 3rd prize won by B.Tech (ME) students.
- (n) Students of B.Sc (NS) had participated in Best deck cadet award competitions and HIMT award competitions organized by Nautical Institute India (south). 2nd prize in Best deck cadet is won by B.Sc (NS) cadet.
- (o) Students of B.Tech (ME) had participated in a National level technical symposium named as "matrose-2017" organized by GKM College, Chennai. 2nd prize in paper presentation is won by B.Tech (ME)
- (p) Students of B.Tech (ME) and B.Sc (NS) had participated in AMET sports fest-2017 organized by AMET University, Chennai.
  - (i) 2nd prize in body building is won by B. Tech (ME)
  - (ii) 4 medals in swimming is won by B. Tech (ME)

- (q) Students of B.Tech (ME) had participated in fest named as "wavez-2017" organized by Indian Institute of Technology, Chennai
- (i) 2nd prize in quiz by b. Tech is won by B.Tech (ME)
- (ii) 1st prize in counter strike game is won by B.Tech (ME)
- (r) Students of B.Tech (ME) had participated in a National level technical symposium named as "transtech-2017" organized by Tolani Maritime Institute, Pune.
- (i) 3rd prize in paper presentation is won by B.Tech (ME)
- (s) Students of B.Tech (ME) had participated in a fest named as "marine traffic-2017" organized by AMET University, Chennai.
- (a) Participated in personal survival technique and firefighting technique.
- (t) Students of B.Sc (NS) had participated in fest named as "Navinautics-2017" organized by AMET University, Chennai.
- (u) National Cadet Corp (NCC)- 4(TN) Naval Tech Unit
- (1) "c" certificate exams is cleared by B. Tech (ME)
- (2) Camp attended by students of B.Tech (ME) and B.Sc (NS) named as "ntac-2016" at INS Shivaji, Lonavala.
- (v) Students of IMU Chennai Campus had participated in International coastal cleanup.
- (w) Students of B. Tech (ME) had participated in marina beach cleanup at marina beach, Chennai organized by IEEE & Angels of marina.

**MBA (PSM) 2<sup>ND</sup> YEAR**

**Table 11**

<b>Sl. No.</b>	<b>College Name</b>	<b>Name of Students</b>	<b>Events</b>	<b>Date</b>
1.	MEASI INSTITUTE OF MANAGEMENT	CH PRAMOD KUMAR	IPL	15/02/2017
		RAMCHANDRA RAUT	IPL	15/02/2017
		DHIRAJ	CORPORATE WALK	15/02/2017

		SHEIKH ARIF	CORPORATE WALK	15/02/2017
		ABHISHEK UNNIKRISHNAN	CORPORATE WALK	15/02/2017
2.	AMET	CH PRAMOD KUMAR	IPL	02/03/2017-03/03/2017
		RAMCHANDRA RAUT	IPL	02/03/2017-03/03/2017
		RASHID ALI	IPL	02/03/2017-03/03/2017
		ABHISHEK UNNIKRISHNAN	JUST A MINUTE	02/03/2017-03/03/2017
		SHEIKH ARIF	BASKET BALL	24/03/2017
3.	VELS UNIVERSITY	CH PRAMOD KUMAR	CUM PUM	23/03/2017
		RAMCHANDRA RAUT	CUM PUM	23/03/2017
		SHEIKH ARIF	CUM PUM	23/03/2017
4.	COLLEGE OF ENGINEERING GUINDY ANNA UNIVERSITY	SHEIKH ARIF	PAPER PRESENTATION	17/02/2017
5.	ITM BUSINESS SCHOOL	SHEIKH ARIF	PAPER PRESENTATION	03/02/2017

### **MBA (ITL) 2ND YEAR**

**Table 12**

<b>Sl.No.</b>	<b>College Name</b>	<b>Name of the Student</b>	<b>Event</b>	<b>Date</b>
1.	Measi College	Abraham Varghese	Ad-zap	Feb, 2017
2.	Vels University	Abraham Varghese	Connection game, treasure hunt, IPL bidding, surprise event	March, 2017

(iii) Other activities

- (i) Visit to Ships & Harbours at Chennai Port Trust was conducted during the Year for the Deck and Engine cadets.
- (ii) As part of the academic activities, the final year MBA students (PSM YITL) have visited Kandla Port Trust and Mundra Port at Gujarat.
- (iii) As part of the academic activities, the first year MBA students (PSM &ITL) have visited Chennai Port Trust and Ennore Port.

12. Papers submitted/presentation made by faculty/staff:

Dr. Emil Mathew, Assistant Professor, School of Maritime Management

- (i) Downfall of an Iconic Brand: The Maggi Crisis in India”, *Case Folio: The IUP Journal of Management Case Studies*, Vol XVI, No.1. ISSN 0972-5350.
- (ii) Re-packaging of Traditional Wisdom: Story of Patanjali”, *Case Folio: The IUP Journal of Management Case Studies*, Vol XVI, No.4. ISSN 0972-5350.
- (iii) Tying The Knot Between Modern Technology And Traditional Matchmaking: A Study of Shaadi.Com” (Case) with reference 81700061, <http://www.thecasecentre.org/educators/products/view?id=141147>.

13. Distinguished Visitors to the Campus:

**Table 13**

<b>S.No.</b>	<b>Name of the Visitor</b>	<b>Date of Visit</b>	<b>Purpose of Visit</b>
1	Dr. V. Krishnamurthy, Chancellor, IMU on 8th November 2016	08.11.2016	Inauguration of the renovated Auditorium, Guest House, Seminar Halls and Marine Hostel Building with two additional floors (2nd and 3rd Floors) and a new Sub Station Building at IMU, Chennai
2	Shri S Gurumurthy	06.04.16	Estuary'16 inauguration

3	Shri Bharat Joshi	07.04.16	Estuary'16- Valedictory function
4	Shri Krishna Prasad	24.8.16	Guest lecture
5	Dr Jose Paul	25.8.16	Guest lecture
6	Shri V Shankar	20.09.16	Guest lecture
7	Shri P Kumaran	01.10.16	Guest lecture
8	Shri Sashidharan Kallada	05.10.16 - 07.10.16	Workshop on Transport of Dangerous Goods by sea
9	Capt. G Ramaswamy	14.03.2017	Guest Lecturer

14. Placement:

**Table 14**

<b>SI.No.</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1.	DNS - 17	Sea Team Management - 12 Fleet Management - 04 Adarsh Ship Management - 01
2.	B.Sc. NS - 26	Sea Team Management - 02 Fleet Management - 23 Adarsh Ship Management - 01
3	B.Tech - 12	Shipping Corporation of India - 3 Andaman Administration - 7 Adarsh Ship Management - 2
4	MBA - 16	Adani Ports & SEZ Ltd. - 1 Leap International Pvt. Ltd. - 1 Centurion Transport Solutions Pvt. Ltd. - 3 Kuehne Nagel - 2 Boxco Logistics India Pvt. Ltd. - 2 Team Global logistics - 2 NYK Line (India) Pvt. Ltd. - 2 Aberdeen Maritime Co. PLtd. - 3
Total	<b>54</b>	

## IMU Chennai Campus





## 23. MUMBAI CAMPUS

### 1. Brief History of the Mumbai Campus

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

IMU, Navi Mumbai (erstwhile T.S.Chanakya)

**1927** was a remarkable and epoch making year in the history of modern Indian shipping. History tells us that India was a vast sea power in olden days. But in India there were no facilities to impart training to Indians to become merchant navy officers till 1927. 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. Erstwhile T.S.Chanakya now IMU Mumbai Campus, Palm Beach Block (TSC) 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<sup>th</sup> Nov'2009.

IMU, Mumbai Port (erstwhile M.E.R.I)

The erstwhile MERI Institute, now IMU Mumbai Campus, Hay Bunder Block (MERI) 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<sup>th</sup> Nov'2009.

IMU, Mumbai Port (erstwhile L.B.S)

Erstwhile LBS College, now IMU Mumbai Campus, Hay Bunder Block(LBS) 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<sup>th</sup> Nov'2009.

2. Director of the Campus during the period 2016-2017 :  
Shri Jai Kishen 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, Navi Mumbai Campus (erstwhile T.S.Chanakya)

## UG COURSES

1. B.Sc (NS)
2. Diploma in Nautical Science leading to B.Sc. (Applied Nautical Science)
3. PG COURSES- NIL
4. New Courses Offered: - NIL

b. IMU, Mumbai Port Campus, (erstwhile M.E.R.I)

## UG COURSES –

1. B.Tech(ME)
2. B.Sc. (MS) PG COURSES
3. Post Graduate Diploma in Marine Engineering
4. New Courses Offered: - NIL

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

a. IMU, Navi Mumbai (erstwhile T.S.Chanakya)

T.S.Chanakya conduct two streams of fully resident courses:-

**Table 1**

Sl. No.	Name of programme	Sanctioned Annual Intake	Number of students admitted during 2016-17				
			Total	SC	ST	OBC-NCL	Women
1.	Three year B.Sc. (Nautical Science ) Degree course	185	435	47	9	172	4
2.	One year Diploma course in Nautical Science, leading to B.Sc. (Applied Nautical Science) degree	80	46	4	2	19	1
	<i>Grand Total</i>		481	51	11	191	5

(b) IMU, Mumbai Port (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 programme	Sanctioned Annual Intake	Number of students admitted during 2016-17				
			Total	SC	ST	OBC-NCL	Women
1	One Year Post Graduate Diploma in Marine Engineering (PGDME ) Course	120	36	NIL	NIL	9	NIL
2	Three years B.Sc. (Maritime Science) Course	40 Per Year	68	8	1	10	NIL
3	Four year B.Tech (Marine Engineering) Course	80 Per Year	194	30	10	81	2
<i>Grand Total</i>			298	38	11	100	2

Besides the above three long term courses, the institute conducts four basic STCW Modular Courses namely Personal Survival Technique, Personal Safety & Social Responsibility, Fire Prevention & Fire Fighting & Elementary First Aid for in house students.

The institute also conduct awareness course on Merchant Shipping (Recruitment and Placement of Seafarers) Rules, 2005 for in-house students as well as for outside candidates.

(c) IMU, Mumbai Port (erstwhile L.B.S)

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

- (a) Certificate of Competency Courses
- (b) Simulator Courses
- (c) Non-Simulator Modular Course

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

a. IMU, Navi Mumbai (erstwhile T.S.Chanakya)

The institute conduct two streams of fully resident courses:-

**Table 3**

Sl. No.	Name of programme	Number of students studying in Campus during 2016-17			
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1.	Three year B.Sc. (Nautical Science) Degree course	147	163	125	-
2.	One year Diploma course in Nautical Science, leading to B.Sc. (Nautical Science) degree	46	-	-	-
<i>Grand Total</i>		193	163	125	

b. IMU, Mumbai Port Campus (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 4**

Sl. No.	Name of programme	Number of students studying in Campus during 2016-17			
		1st year	2nd year	3rd year	4th year
1	One Year Post Graduate Diploma in Marine Engineering (PGDME ) Course	36			
2	Three years B.Sc. (Maritime Science) Course	27	14	27	
3	Four year B.Tech (Marine Engineering) Course	70	58	32	34

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

(a) IMU, Navi Mumbai (erstwhile T.S.Chanakya)

The institute conduct two streams of fully residential courses:-

**Table 5**

Sl.No.	Name of programme	Number of students studying in Campus during 2016-17 (all batches put together)			
		Total	SC	ST	OBC-NCL
1.	Three year B.Sc. (Nautical Science) Degree course	435	47	9	172
2.	One year Diploma course in Nautical Science, leading to B.Sc. (Nautical Science) degree	46	4	2	19
<i>Grand Total</i>		481	51	11	191

(b) BIMU, Mumbai Port (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 6**

Sl.No.	Name of programme	Number of students studying in Campus during 2016-17 (all batches put together)			
		Total	SC	ST	OBC-NCL
1	One Year Pre –sea Graduate Diploma in Mechanical Engineers (PGDME) Course	36	NIL	NIL	9
2.	Three years B.Sc. (Maritime Science) Course	68	8	1	23
3.	Four year B.Tech (Marine Engineering) Course	194	30	10	81
<i>Grand Total</i>		298	38	11	113

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

(a) IMU, Navi Mumbai (erstwhile T.S.Chanakya)

The following modular courses are also conducted in the campus complying with the requirements of DG Shipping:

**Table 7**

<b>Sl.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	Global Maritime Distress and Safety System	2 Weeks	89
2	Advanced Fire Fighting	1 Week	321
3	REFRESHER Advanced Fire Fighting	1 Day	585
4	Electronic Chart Display and Information System	5 DAYS	195

(a) IMU, Mumbai Port (erstwhile L.B.S)

**Table 8**

<b>Sl. No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	RADAR OBSERVER COURSE (ROC)	2 weeks	168
2	AUTOMATIC RADAR PLOTTING AID (ARPA)	1 week	164
3	RADAR, ARPA AND NAVIGATION SIMULATOR COURSE (RANSCO)	1 week	131
4	LIQUID CARGO HANDLING SIMULATOR (LCHS MANAGEMENT LEVEL COURSE)	1 week	195
5	LIQUID CARGO HANDLING SIMULATOR (LCHSC OPERATIONAL LEVEL COURSE)	2 1/2 day	70
6	LIQUEFIED NATURAL GAS SIMULATOR COURSE (LNG)	1 week	0
7	GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS)	2 weeks	135

8	ENGINE ROOM SIMULATOR (ERS- IV)	3 days	151
9	ENGINE ROOM SIMULATOR (ERS-II)	1 week	101
10	DIESEL ENGINE COMBUSTION GAS SIMUALTOR (DEGM-I)	18 hrs	0
11	DIESEL ENGINE COMBUSTION GAS SIMUALTOR (DEGM-C.E.O. NCV)	8 hrs	0
12	PROFICIENCY IN SURVIVAL CRAFT & RESCUE BOAT (PSCRB)	1 week	1099
13	SPECIALIZATION COURSE IN POLLUTION PREVENTION & TANKER OPERATION (TASCO)	2 weeks	9
14	SPECIALIZATION COURSE IN CHEMICAL TANKERS (CHEMCO)	2 weeks	12
15	SPECIALIZATION COURSE IN LIQUEFIED GAS TANKERS (GASCO)	2 weeks	3
16	MEDICAL CARE	2 weeks	0
17	SHIP SECURITY OFFICER (SSO)	3 days	85
18	COMPANY SECURITY OFFICER (CSO)	3 days	13
19	PORT FACILITY SECURITY OFFICER (PFSO)	3 days	7
20	ISPS - AUDITORS	5 days	0
21	IMDG SHIPS STAFF	3 days	0
22	IMDG SHORE PERSONNEL	5 days	0
23	RUTC (N+E)	1 week	0
24	REFRESHER & UPDATING TRAINING (UPGRADATION COURSE) FOR DECK OFFICERS ( OPERATIONAL LEVEL)	5 days	66



25	REFRESHER & UPDATING TRAINING (UPGRADATION COURSE) FOR DECK OFFICERS (OPERATIONAL LEVEL, MANAGEMENT LEVEL- PH I)	8 days	1
26	REFRESHER & UPDATING TRAINING (UPGRADATION COURSE) FOR DECK OFFICERS ((OPERATIONAL LEVEL,MANAGEMENT LEVEL PH-I & PH-II)	11 days	398
27	REFRESHER & UPDATING TRAINING (UPGRADATION COURSE) FOR ENGINEER OFFICERS ( OPERATIONAL LEVEL)	6days	68
28	REFRESHER & UPDATING TRAINING (UPGRADATION COURSE) FOR ENGINEER OFFICERS (MANAGEMENT LEVEL)	11 days	214
29	INDIAN MARITIME LEGISLATION	3 days	69
30	ADVANCED SHIPBOARD MANAGEMENT (FG) (ASM-FG)	1.5 months	47
31	FIRST MATE (FG) PHASE -II	3 months	75
32	FIRST MATE (FG) PHASE -I	3 months	55
33	FIRST MATE (NCV)PHASE I	3 months	69
34	FIRST MATE (NCV)PHASE II	3 months	82
35	ADVANCED SHIPBOARD MANAGEMENT (ASM-NCV)	1 month	78
36	SECOND MATE LIMITED	1 month	0
37	SECOND MATE (FG) FUNCTION	4 months	77
38	NWKO (NCV)	4 months	56
39	SECOND MATE FOUNDATION	2 months	31
42	MEO CLASS I (STCW 2010)	2 months	381

43	MEO CLASS II (STCW 2010)	4 months	97
44	MEO CLASS IV PART B	1 month	0
45	MEO CALSS IV (NCV)	4 months	0
46	FAMILIARISATION COURSE FOR MERI CADETS	1 week	21
47	SECURITY TRG. FOR SEAFARERS WITH DESIGNATED SECURITY DUTIES COURSE	2 days	2
48	REFRESHER TRG. FOR PROFICIENCY IN SURVIVAL CRAFT & RESCUE BOAT COURSE AND PST	6 Hrs	2235
49	ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM	5 days	18
	<b>TOTAL</b>		<b>6483</b>

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

(a) IMU, Navi Mumbai (erstwhile T.S.Chanakya)

**Table 9**

<b>SI. No.</b>	<b>Discipline</b>	<b>Permanent</b>	<b>Visiting/ Contract</b>
1.	Nautical	01	03
2.	Marine Engineering	-	01
3.	Radio Communication	-	01
4.	Academic	02	01
5.	Instructor/ Warden	01	-
6.	IMU- Contract Faculty Nautical	-	02
7.	IMU Permanent Faculty	01	-
Grand Total		05	08

(b) IMU, Mumbai Port (erstwhile M.E.R.I)

**Table 10**

<b>SI. No.</b>	<b>Discipline</b>	<b>Permanent</b>	<b>Visiting/ Contract</b>
1.	Nautical	-	03
2.	Marine Engineering	-	04
3.	Radio Communication	-	-
4.	Academic	-	06
5.	Instructor/ Warden	02	-
6.	IMU- Contract Faculty	02	
7.	IMU Permanent Faculty	02	
<i>Grand Total</i>		06	13

(c) IMU, Mumbai Port (erstwhile L.B.S)

**Table 11**

<b>SI. No.</b>	<b>Discipline</b>	<b>Permanent</b>	<b>Visiting/ Contract</b>
1.	Nautical	02	24
2.	Marine Engineering	-	14
3.	Radio Communication	-	02
4.	Academic	01	02
5.	Instructor/ Warden	02	01
6.	IMU- Contract Faculty		
7.	IMU Permanent Faculty	02	
<i>Grand Total</i>		07	43

(ii) Details of Administrative and other Staff:

(a) IMU-Mumbai Campus Head Office

**Table 12**

<b>SI.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>
1	Officers	3	-
2	Staff	3	7
<i>Grand Total</i>		6	7

(b) IMU, Navi Mumbai (erstwhile T.S.Chanakya)

**Table 13**

<b>SI.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>
1	Librarian	2	-
2	Non-Teaching Staff	-	-
<i>Grand Total</i>		2	-

(c) IMU, Mumbai Port Campus (erstwhile M.E.R.I)

**Table 14**

<b>SI.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>	<b>Outsourcing</b>
1	Assistant Librarian	1	-	-
2	Non-Teaching Staff	9	-	5
<i>Grand Total</i>		10	-	5

c) IMU, Mumbai Port Campus (erstwhile L.B.S)

**Table 15**

<b>SI.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>	<b>Outsourcing</b>
1	Assistant Librarian	0	-	-
2	Non Teaching Staff	10	-	4
<i>Grand Total</i>		11	-	4

8) *Status of Plan Works:*

(a) IMU, Navi Mumbai Campus (erstwhile T.S.Chanakya)

**Table 16**

<b>Sl. No.</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. In Lakhs)</b>	<b>Status of the work</b>
1	Up gradation of Central and Port side wing of new hostel at TSC	17715054	Work in progress
2	Up gradation of 88 rooms and bath room of new hostel (left & central wing) at TSC	3457020	Work in progress
3	Renovation of remaining portion of Scholastic block at TSC	13225321	Work in progress
4	Renovation of faculty rooms and passages in scholastic block at TSC	3971762	Completed
5	Repairs of internal roads at TSC	4863142	Completed
6	Renovation of remaining portion of catering block at TSC	1278819	Completed
7	Providing internal EI for temporary shed for firefighting complex at TSC	210945	Completed
8	Providing Internal EI for shed for Classroom and Gowdown at T.S. Chanakya, Karave Navi Mumbai	433545	Completed

9	Renovation of balance portion of Administrative block compound lighting and providing feeder pillar at TSC	2798187	Work in progress
10	Construction of temporary roof over sitting area in swimming pool (63,66,675)	1134228	Work in progress
11	Providing and fixing of fire extinguisher for Admin Block, scholastic block, 2 No's hostel, catering block, pump house, swimming pool, plant rooms and sub station at TSC	742468	Completed
12	Grassing of planting trees, shrubs and Hedge near fire area at TSC (49,75,700/- old)	5343700	Work in progress
13	Construction of 2X800 KVA substation equipment from 22KV to 11KV at TSC	13520810	Work in progress
14	Construction of Temporary shed for Fire fighting complex	1812225	Completed
15	Construction of Temporary shed for class room and gowdown in T.S.Chanakya	5815264	Completed
16	Computer Lab at Scholastic Block at TSC	2106814	Completed
17	Providing LED Sign boards at different locations in Hindi and English at TSC	1778700	Work in progress
18	Special repairs to the street light at TSC	1676115	Completed
19	providing 40 no's computer terminal LCD projector. LAN etc in new computer lab at scholastic block at TSC	5913600	Completed
	<i>Grand Total</i>		

(b) IMU, Mumbai Port Campus (erstwhile M.E.R.I)

**Table 17**

<b>Sl.No.</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. In Lakhs)</b>	<b>Status of the work</b>
1.	Renovation of existing Basketball & Volleyball Court at LBS CAMSAR, Hay Bunder, Sewri, Mumbai.	1274389	Work in progress
2.	Repairs & Renovation of MERI workshop, Sewri Mumbai	358715	Completed
3.	Renovation of Applied Mechanics Lab on 1st floor of LBS New Hostel Building, Hay Bunder, Sewri, Mumbai.	259596	Completed
4.	Providing partition and furniture in Room No. 510 for faculties in MERI Admin. Building at MERI	470225	Completed
5.	Cost of furniture for Pro- VC use	570539	Completed
6.	Garden area M.E.R.I. Complex, at Hay Bunder, Mumbai 2015-2016	862271	Completed
7.	Providing and fixing Aluminum Composite Panel Cladding to the West Face Wall of MERI Administrative Building to protect rain ingress into simulator rooms, Hay Bunder, Sewri, Mumbai	2999287	Work has been stopped
8.	Construction of Temporary Shed on the North and West Sides Outside the Workshop of M.E.R.I. Admin. Building, Hay Bunder Road, Sewri, Mumbai.	2954138	Completed
9.	Construction of Mezzanine floor in MERI Admin workshop at MERI	2997706	Work in progress

10.	Renovation of Recreation Room for M.E.R.I. in LBS New Hostel Building in Ground Floor, Hay Bunder, Sewri, Mumbai.	266941	Completed
11.	Renovation + AC; 5th Floor; Administrative Building	886303	Completed

(c) IMU, Mumbai Port Campus (erstwhile L.B.S)

**Table 18**

<b>Sl. No</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. In Lakhs)</b>	<b>Status of the work</b>
1	Construction of Additional upper 2 floors on the existing (G+9) floors Phase-II in new hostel building at LBS college	47824874	Work in Progress
2	Renovation of Auditorium at Ground Floor, Administrative building of LBS CAMSAR, Sewri, Mumbai.	8197823	Work Cancelled
3	Renovation of LBS Ground Floor Auditorium, Hay Bunder Road, Sewri, Mumbai	6816484	Work Cancelled
4	Repair & Renovation of remaining accommodation rooms (2nd floor to 9th floor ) including corridors, ground floor & first floor in New Hostel Building at LBS	7777997	Work in Progress
5	Repair & Renovation of 18 rooms in MERI Hostel Building, Hay Bunder Road, Sewri Mumbai	7464910	Completed
6	Providing and Laying Paver Blocks and Concretization of the Existing Road inside Premises of LBS & MERI Campus, at Sewri, Mumbai.	7185092	Work in Progress



7	Renovation of One Block of LBS Old Hostel Building on 3rd Floor towards New Hostel Building at Sewri, Mumbai	5632060	Completed
8	Interior of Auditorium in New Hostel building at LBS Campus, Hay Bunder, Sewri, Mumbai. SH: WPC Flooring on Stage, Wall Paneling on Backside Wall, Dismantling and Refurbishing of Balcony and Glass Railing etc.	2998756	Completed
9	Special Renovation of Room No. 619 for Senior Officer's Room with attached toilet & PA Room on 6th floor of New Hostel Building at LBS Campus, Hay Bunder, Sewri, Mumbai.	2078988	Completed
10	Repairs & Renovation of new hostel building at LBS	1493340	Completed
11	Painting & Repairs In (G+6) residential Bldg at LBS. SH: Internal painting Replacement of water supply and sanitary fittings, wire mesh, curtain roads & glass panes.	1355004	Completed
12	Extension of existing Library in LBS Administrative Building 2nd floor, Hay Bunder, Sewri, Mumbai.	640742	Completed
13	Preliminary estimate for the work of providing front & back motorized curtains Cyclorama screen for projection and side wings for the stage in Auditorium at LBS New Hostel Bldg.	601440	Completed

14	Renovation Surrounding Area of 2 Tier Seating arrangement in the Swimming Pool at LBS Campus, Hay Bunder, Sewri, Mumbai.	583225	Completed
15	Interior of Auditorium in New Hostel building at LBS Campus, Hay Bunder, Sewri, and Mumbai. SH: Civil work on stage portion likes wall paneling, PVC flooring and painting. (Acoustic Service)	105000	Completed
16	Repair & Replacement of lifts in the bldg. of LBS & MERI campus SH : Water proofing treatment in the lift machine pit.	201833	Completed
17	Development of Garden area attached to LBS	2221045	Completed
18	Preliminary estimate for the work of "Replacement of 2 Nos. 10 Passenger elevator I main admin. building of LBS CAMSAR, Sewri, Mumbai."	5976415	Work in Progress
19	Special Renovation of Room No.618, 619 for Senior Officer's Room with attached toilet & PA Room on 6th floor of New Hostel Building. SH: EI & Fans & A/C units	556510	Work in Progress
20	Renovation of One Block of LBS Old Hostel Building, on 3rd floor towards New Hostel Building side.	873313	Completed
21	Combined Estimates for Recreation Room, MERI at LBS New Hostel & Library Extension	1210445	Completed

22	Charges towards engaging consultant for preparing PE for construction of jetty wall	50000000	Work in Progress
<i>Grand Total</i>			

(9) Details of purchases made under SFC funds:

(Please indicate amount spent for purchase equipment, books etc.,)

**Table 19**

<b>SI. No.</b>	<b>Description</b>	<b>Cost (Rs. In Lakhs)</b>	<b>Remarks</b>
1	Equipment	4597278	
2	Computer & Others	1737520	
3	Gym (1.00Crore provision under SFC)	444488	
4	Furniture	2385143	
5	Library Books	367005	
<i>Grand otal</i>			

(10) Performance Based Rewards received by the students:

**Table 20**

<b>Sl. No.</b>	<b>Course</b>	<b>No. of Students who received Rs.1,00,000/- reward</b>	<b>No. of Students who received Rs.75,000/- reward</b>
1	B.Sc (Nautical Science)	2	28
2	B.Tech (Marine Engineering)	Nil	6
3	B.Sc (Maritime Science)	3	4
<i>Grand Total</i>		5	38

(11) Co-curricular and Extra-curricular Activities of Students:

(i) Awards won in Competitions/seminars - Nil

(ii) Papers submitted /presentation made by students:

1. Technical Fest was organized in T.S.Chanakya on 18th Nov.2016.
2. Architects Workshop was conducted on 19<sup>th</sup> June'2016 in IMU, Mumbai Port Campus (erstwhile M.E.R.I),Mumbai.

(iii) Other activities-

1. 2<sup>nd</sup> International Yoga day was celebrated on 2<sup>nd</sup> June'2016 in MERI & T.S.Chanakya.

(12) Papers submitted/presentation made by faculties/staff:

(a) IMU, Navi Mumbai Campus (erstwhile T.S.Chanakya)- NIL

(b) IMU, Mumbai Port Campus (erstwhile M.E.R.I)-NIL

(c) IMU, Mumbai Port Campus (erstwhile L.B.S)-NIL

(13) Distinguished Visitors to the Campus:

(a) IMU, Navi Mumbai Campus (erstwhile T.S.Chanakya)-

**Table 21**

<b>Sl. No.</b>	<b>Name of the Visitor and Designation</b>	<b>Date</b>	<b>Purpose of Visit</b>
1	Magdalena Carrera Ledezma- General Director of Seafarers from Panama Maritime Authority	27th May'2016	General Visit to the Navi Mumbai Campus
2	Shri K. Ashok Vardhan Shetty- Vice Chancellor Indian Maritime University	30th Sept'201 6	Inauguration of computer lab & Fire Fighting Shed
3	Capt. Michael de Menezes, General Manager, NYK Ship Management India Pvt Ltd	18th Nov'2016	Technical Paper Presentation

4	Capt. N.K Sah, President DRACEA	18th Nov'2016	Technical Paper Presentation
5	Capt. Anshul Rajvanshi, Managing Director Synergy Maritime Recruitment Services Pvt Ltd	18th Nov'2016	Technical Paper Presentation
	Mr. C.P Paul, Dean, Maritime Education & Training NYK Ship Management India Pvt Ltd	18th Nov'2016	Technical Paper Presentation
7	Capt. Sudarshan Srinivasan, Director(Training) Synergy Maritime Recruitment Services Pvt. Ltd	18th Nov'2016	Technical Paper Presentation
8	Capt. Prabhat Kumar Sikdar, Capt. Pradeep Widge & Capt. Atul Sabhrawal	16th Feb'2017	General Visit to the Navi Mumbai Campus
9	Capt M.M.Saggi- Director Narottam Morarji Institute of Shipping	22nd Feb'2017	Technical Lecture
10	Shri K. Ashok Vardhan Shetty- Vice Chancellor Indian Maritime University	22nd March'2017	Visit to the Navi Mumbai campus

(b) IMU, Mumbai Port Campus (erstwhile M.E.R.I)-

**Table 22**

<b>Sl. No.</b>	<b>Name of the Visitor and Designation</b>	<b>Date</b>	<b>Purpose of Visit</b>
1	Shri Ved Chhabra- (Ex- DMET) Chairman & MD Inter Ocean Group	7th Sept '2016	General Visit to the Port Mumbai Campus
2	Shri. Satish Kumar, Managing Director Dockendale Ship Management India Pvt. Ltd	3rd & 4th Nov'2016	Technical Paper Presentation

3	Capt. Anil K. Sharma, Vice President (O.S & T.S) the Shipping Corporation of India Ltd	3rd & 4th Nov'2016	Technical Paper Presentation
4	Shri. Ramana Murthy, Managing Director Selandia Ship Management (India) Pvt. Ltd	3rd & 4th Nov'2016	Technical Paper Presentation
5	Shri. Ranjit Singh, Executive Director & CEO Essar Shipping Ltd	3rd & 4th Nov'2016	Technical Paper Presentation
6	Dr. L Chary - Director of Reinenergy Infratech Pvt.Ltd.	17th Feb'17	Technical Lecture on Renewable Energy
7	Shri Ricky Varghese- Working with Indian Railways	17th Feb'17	Motivational Speech
8	Shri K. Ashok Vardhan Shetty, Vice Chancellor Indian Maritime University	3rd Mar'17	Visit to the Mumbai Port campus

(14) Placements

(a) IMU, Navi Mumbai Campus (erstwhile T.S.Chanakya)-

**Table 23**

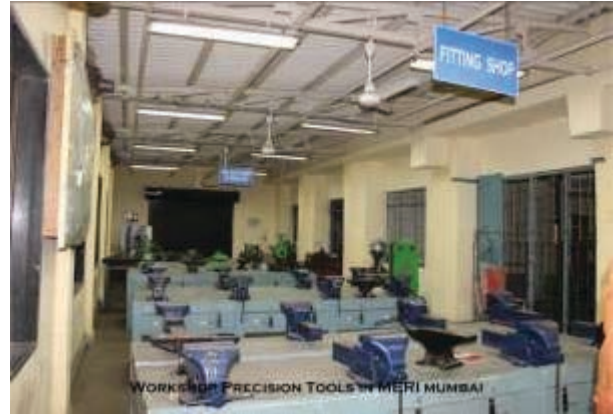
<b>SI. No.</b>	<b>Course</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1	B.Sc (Nautical Science)	82	FML, Selandia, Synergy, Essar, NYK, MOL, Chellaram.
2	DNS	18	MOL, MTM, FML
	<i>Total</i>	<i>100</i>	

(b) IMU, Mumbai Port Campus (erstwhile M.E.R.I)-

**Table 23**

<b>SI. No.</b>	<b>Course</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1	B.Sc (Maritime Science)	18	Essar Shipping, SCI.
2	PGDME	20	MSC, OCS, Genmarco, Geepee Shipping, Andromeda, Crowley Accord Marine Management Services, Dockendale Ship Management India.
3	B.Tech (Marine Engineering)	18	Essar Shipping, Dockendale Ship Management India, Fleet Management.
	Total	56	

## IMU Mumbai Campus





## 24. Kolkata Campus

### 1. Brief History of the 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 68 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 22700 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 01.04.2016 to 31.03.2017):

Shri M. K. Ghosh ( 01.04.2016 to 30.11.2016)

Shri Krishnendu Das (01.12.2016 to 31.03.2017)

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:

UG: B.Tech (Marine Engineering)

PG: MBA (International Transportation and Logistics Management)

No new programmes were introduced during the period.

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 2016-17				
			Total	SC	ST	OBC-NCL	Women
1.	B.Tech(ME)	286	255	36	19	111	02
2.	MBA(ITLM)	15	06	-	-	01	01
Grand Total			261	36	36	112	03

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 2016-17			
		1st year	2nd year	3rd year	4th year
1.	B.Tech(ME)	250	253	207	239
2.	MBA(ITLM)	04	03	-	-
Grand Total		254	256	207	239

- (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 2016-17 (all batches put together)			
		Total	SC	ST	OBC-NCL
1.	B.Tech(ME)	949	117	55	345
2.	MBA(ITLM)	07	-	-	01
Grand Total		956	117	55	346

6. (i) Details of short term courses offered by the Campus during the period: Short Term Courses offered by IMU-KC

**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	142
6	Diesel Engine Combustion Gas Monitoring Simulator Course	3 days	257
Grand Total			1359

In Campus MDP Programmes at IMU-KC Management Block

**Table 5**

<b>Sl. No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	Management of Reservation Directives for SC, ST & OBCs	2 days	05
2	Purchase Procedure & Policy for Government PSU and Autonomous Organisation	3 days	09
3	Disciplinary Proceedings	3 days	06
4	Vigilance Issues	2 days	08
5	Harbour Engineering and Equipment Management	18 days	10
6	Establishment Rules and Service Regulations	3 days	07
7	Team Building & Management by Objectives	3 days	19
8	e-Tendering, e-Procurement & e-Payment	2 days	19
9	Reservation Directives for SC, ST, OBCs & Others	3 days	03
10	Workshop on Effective Communication, Noting and Drafting	3 days	19

11	Critical Issues in Tender Processing	3 days	18
12	Total Productive Maintenance for Plant & Equipment	3 days	14
13	Right to Information Act	2 days	06
14	Essential Management Skills	3 days	15
15	e-Tendering, e-Procurement & e-Payment	3 days	06
16	Management of Outsourcing & Contract Labour	3 days	06
17	Contract Management	3 days	04
Grand Total			174

Off Campus MDP Programmes at IMU-KC Management Block

**Table 6**

<b>Sl. No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	e-Tendering, e-Procurement & e-Payment at Kandla Port Trust	3 days	29
2	Reservation Directives for SC/ST/OBC and others at Cochin Port Trust	2 days	24
3	Reservation Policy of Government of India at Paradip Port Trust	2 days	18
4	Critical Issues in Tender Processing at VOCPT Tutocorin	2 days	22
5	Noting, Drafting, FR & SR and PFMS at ALHW Port Blair	4 days	25
6	Management of Court & Arbitration Cases at Kandla Port Trust	2 days	29
7	Stress Management Yoga & Relaxation at VOCPT	2 days	14

8	Freight Forwarding and Customs Procedures at Jawaharlal Nehru Port Trust	3 days	21
9	e-Tendering, e-Procurement & e-Payment at Paradip Port Trust	3 days	17
10	e-Tendering, e-Procurement & e-Payment at VOCPT	2 days	19
11	Management of Time and Stress at Jawaharlal Nehru Port Trust	3 days	22
12	Project Planning and Management at Paradip Port Trust	3 days	17
13	Establishment and Administration for Port Officials at Kandla Port Trust	2 days	27
14	Disaster Management at Paradip Port Trust	3 days	17
15	Contract Management at VOCPT	2 days	18
16	Disaster Management at Jawaharlal Nehru Port Trust	3 days	19
17	Effective Internal Audit for ISO at Paradip Port Trust	3 days	17
Grand Total			355

Short Term Courses offered by IMU-KC – FMIRO collaboration

**Table 7**

<b>Sl. No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	1st Mate FG Phase I (1MP1)	3 months	71
2	1st Mate FG Phase II (1MP2)	3 months	45
3	2nd Mates FG Functional (2M)	4 months	135
4	2nd Mates Foundation (2MF)	2 Months	31

5	Advance Fire Fighting (AFF)	5 days	54
6	Automatic Radar Plotting Aid (ARPA)	5 days	110
7	Elementary First Aid (EFA)	3 days	181
8	Engineers' Revalidation / Upgradation (ERV)	11 days	256
9	GMDSS	10 days	144
10	Master FG A S M (ASM)	1.5 month	65
11	Masters' & Mates' Upgradation	11 days	288
12	Medical Care (MEDICARE)	10 days	78
13	Medical First Aid (MFA)	4 days	195
14	MEO - II, Preparatory	4 months	105
15	MEO - IV, Preparatory	3 months	58
16	NWKO (NCV)	4 months	17
17	Passenger Ship Familiarization (PSF)	3 days	124
18	Personal Safety & Social Responsibility (PSSR)	3 days	487
19	Port Facility Security Officer (PFSO)	3 days	03
20	Radar Observer & simulator Course (ROC)	10 days	114
21	Ship Security Officer (SSO)	3 days	70
22	STPOTO	10 days	87
23	STSDSD	2 days	23
24	Combined(AFF & FPF)-Refreshers	03 hrs.	696
25	FPF (Refreshers)	03 hrs.	32
26	PSSR (Refreshers)	03 hrs.	1093
Grand Total			4562

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

**Table 8**

<b>Sl.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
	Nil	Nil	Nil
Grand Total			

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

**Table 9**

<b>SI.No.</b>	<b>Programme Wise</b>	<b>Permanent</b>	<b>Special visiting faculty</b>	<b>Visiting</b>	<b>Outsourcing/ Contract</b>
1.	B.Tech(ME)	08	03	13	06
2.	MBA (IT&LM)	03	00	09	01
Grand Total		11	03	22	07

(ii) Details of Administrative and other Staff:

**Table 10**

<b>SI.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>	<b>Outsourcing</b>
1.	Administration & Establishment	16	00	02
2.	Accounts	12	03	00
3.	Housekeeping	11	00	37
4.	Training	08	00	00
5.	Examination	01	00	01
6.	PLA	01	00	00
7.	Stores	04	00	00
8.	Hostels	04	00	02



9.	Workshop & Laboratory	14	04	02
10.	Library	04	00	01
11.	Security	14	00	30
12.	Medical	02	01	00
13.	Guest House	01	00	06
14.	Mess	43	01	00
Grand Total		135	9	81

8. Status of Plan Works:

**Table 11**

Sl. No.	Description of the work	Sanctioned Amount under SFC (Rs. In Crore)	Status of the work
1.	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.	19.00 Crores	Work Order awarded on 22.11.2016 by CPWD. Civil Works are in progress
	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.		

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 Crores	95% of the works has completed. Plumbing and Electrical works are in progress. Likely to be handed over by 3 <sup>rd</sup> week of April, 2017
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.  b) Construction of 4th Floor of OBC Hostel Building under SFC scheme at SI No. 6.	14.64 Crores	a) Construction works completed in all respects. Handing over of building is completed.  b) Roof Casting work is in progress. Overall 60% work has been completed.
4.	Supply and installation of Furniture and Fixtures.	2.00 Crores	Supply and installation completed to the extent of Rs.57 lakhs through CPWD. Further procurement of furniture and fittings for Hostel, M.Tech (MT & M) Class Room and Office premises amounting to Rs.21.35 lakhs completed.

5	One time renovation of Existing Campus – Civil & Electrical	6.00 crores	29 small works out of 43 works under SFC approved scheme are completed in all respects. 14 works are at various stage of progress.
<i>Grand Total</i>		43.84 Crores	

9. Details of purchases made under SFC funds:  
(Please indicate amount spent for purchase equipment, books etc.,)

**Table 12**

<b>SI. No.</b>	<b>Description</b>	<b>Sanction under SFC (Rs. In crores)</b>	<b>Remarks</b>
1	Labs, Workshops, office Equipments	5.00	Procurement of various equipments for Labs, workshops etc. amounting to Rs.3.95 crores are in final stage of procurement.
2	Additional equipment in existing lab and workshops for M Tech and Ph. D Programmes	4.00	MatLab, Solid Edge & NX-Software successfully installed with a value of Rs.32.45 lakhs. Further procurement of equipments amounting to Rs.119.43 lacs has been finalized.
3	Simulator and upgradation simulator	6.00	Procurement is being made through High Power Expert Committee set up by IMU HQ

4	Computer Terminal, Upgradation of software/server etc.	2.50	Procurement of Laptop, Projector, Scanner, MS Office Software, Anti Virus software, Combo scanner & Printer, Scanner, Multimedia Projector, Mini Laptop and Desktop PCs have been completed with a value of Rs.26.56 lacs. Further procurements are in various stages.
	<i>Grand Total</i>	17.50	

10. Performance Based Rewards received by the students:

**Table 13**

<b>Sl. No.</b>	<b>Course</b>	<b>No. of Students who received Rs.1,00,000/- reward</b>	<b>No. of Students who received Rs.75,000/- reward</b>	<b>No. of Students who received Rs.50,000/- reward</b>
1.	B.Tech(ME)	04	164	89
2.	MBA(ITLM)	Nil	Nil	Nil
<b>Grand Total</b>		<b>04</b>	<b>164</b>	<b>89</b>

11. Co-curricular and Extra-curricular Activities of Students: Awards won in competitions/seminars in Inter-College Tournaments Sports [Inter-College]

**BASKETBALL**

- a) Tournament at AIM-Kolkata in March 2017. IMU-KC cadets were the winners in the tournament.
- b) Tournament at ITME in March 2017. IMU-KC cadets were the winners.
- c) Participated in IIT-R and IIT-G tournament held in March 2017 and October 2016 respectively.

d) Participated in MITMAS-Kolkata tournament in Feb 2017

#### CRICKET

a) Tournament at ITME in March 2017. IMU-KC cadets were the winners.

b) Participated in IIT-R tournament in March 2017.

#### FOOTBALL

a) Winners at AIM-K in March 2017

b) Semifinalists at IIT-R and participated in IIT-G tournaments held in March 2017 and October 2016 respectively

#### HOCKEY

a) Winners at IIT-G tournament in October 2016

b) Semifinalists at IIT-R tournaments held in March 2017

#### VOLLEYBALL

a) Participated at IIT-R and IIT-G tournament in March 2017 and October 2016 respectively

#### TABLE TENNIS

a) Semifinalists at IIT-G tournament in October 2016

#### BADMINTON

a) Participated in IIT-G tournament in October 2016

#### Cultural & Literary Activities/ Paper Presentations/ Tech Talks [Inter-College]

a) IMU-KC was adjudged as 'best campus' on IMU foundation day celebrations in Nov 2016 with active participation and formidable results in each event at the function.

b) Various cadets participated in Samudramanthan [Tech Fest] at IIT-KG in paper presentation, workshop, seminar, and quiz. 2nd prize in paper presentation by Nirbhay Ganguly (7895).

c) National Maritime Day Inter- college essay writing .IMU-KC cadets Yajush Painkra (8015) was 2<sup>nd</sup> in the competition.

d) Marine lookout quiz held in Nov 2016. IMU-KC cadet Manonit Khemka (7854) was the winner.

- e) CADD engineering quiz competition [international level] in Sep 2016. IMU-KC cadet Manonit Khemka (7854) secured 4<sup>th</sup> rank.
- f) Participated in Drama at NSHM college [Chakradhar Sharma – 7818]
- g) Group dance at NSHM college [Manish kumar and his troupe – 7952]

Progress for the Sports, Cultural, Literary Competition within the campus :

- a) Cadets of IMU-KC successfully organized TEMPEST-2016 in which 26 colleges participated in different events. Sports events such as Hockey, Football, Cricket, Basketball were held. Cultural events such as singing, dancing, band competition, fashion week was also held. IMU-KC cadets were winners in Hockey, Football, Troupe dance, Photography and runner-up in Basketball. Event was organized in Nov 2016
- b) Inter Sadan Marathon Race – Marathon [8.8 kms] was organized on March 4<sup>th</sup>, 2017. Winner was Akshay Kumar (8042) and runner up was Arun Kumar (8055).
- c) Inter- Sadan Sports week - 16 different track and field events were organized between March 17 – March 20, 2017. Diesel sadan was the best sadan in the event with Soumya Ranjan Pradhan (7717) winning the 100m race.
- d) Inter- Sadan Literary Week – Various on & off stage events were organized in March 2017 such as debate, paper presentation and painting. Froude sadan was the winner
- e) Inter- Sadan Cultural week - events namely singing, solo dance, group dance and mimicry were organized in March 2017. Rankine sadan was the best sadan.
- f) Inter Sadan Cricket tournament
- g) Inter Sadan Hockey tournament – Feb 2017. Diesel sadan was the winner.

Inter-Year Hockey and Football Tournaments – Hockey [2013 entry – winner] & Football [2014 entry winner].

- 12. Papers submitted/presentation made by faculties/staff: Papers presented - Nil

13. Distinguished Visitors to the Campus:

**Table 14**

<b>Sl. No.</b>	<b>Name of the Visitor and Designation</b>	<b>Date</b>	<b>Purpose of Visit</b>
1	Mr. M Pradhan GM, AESM (India)	12.05.2016	Placement
2	Mr. V K Bhandari GM-FPE, SCI	12.06.2016	Placement
3	The Commandant-3 SIG BN CRPF	06.02.2017	Study Tour of Gazetted Officers (Technical, CRPF)
4	Mr. M Mehrotra Vice President, GESCO	19.02.2017	Placement
5	Shri B K Biswas Ex. Chief Surveyor Govt. of India	21.02.2017	Special Lecture on MMD Examinations
6	Shri B N Bera Ex. Director, MERI, Kolkata	04.03.2017	Literary Week inauguration and Special Lecture
7	A Team comprising of Commodore M Z Alamgir, Dean; Commodore M S Islam, Associate professor, Md. Asaduzzaman, Assistant Professor and M. H Chowdhury, Lecturer and 25 students of Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh.	21.03.2017	Overseas Study Tour
8	Shri Alok Mitra Faculty, IMU-KC FMIRO Collaboration	27.03.2017	Special Lecture on Computerisation on Ships

14. Placement:

**Table 15**

<b>SI. No.</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1	05	Nippon Yusen Kaisha, Global Company
2	07	Great Eastern Shipping Company
3	24	Fleet Management Ltd.
4	05	Anglo Eastern Ship Management
5	50	Shipping Corporation of India
6	17	Mediterranean Shipping Company, Global Company
7	04	Indian Oil Corpn. Ltd.
Total	112	



# IMU Kolkata Campus



## 25. VISAKHAPATNAM CAMPUS

### 1. Brief History of the 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 Ph.D.

### 2. Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2016 to 31.03.2017):

Radm. K. Ravikiran (Retired) Director from 01.04.2016 to 30.03.2017.

### 3. Names of the UG, PG, and Ph.D programmes offered in the Campus during the period. If any new programmes were introduced during the period, specify:

U.G. Course: 4 year B.Tech Naval Architecture & Ocean Engineering.

P.G. Course: 2 year M.Tech Naval Architecture & Ocean Engineering.

2 year M.Tech Dredging & Harbor Engineering.

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

**Table 1**

S. No.	Name of Programme	Sanctioned Annual Intake	Number of students admitted during 2016-17				
			Total	SC	ST	OBC-NCL	Women
1	B.Tech (NA & OE)	40	36	6	3	11	1
2	M.Tech (NA & OE)	20	13	2	-	3	-
3	M.Tech (D & HE)	20	14	1	-	5	1
<i>Grand Total</i>			63	9	3	19	2

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

**Table 2**

S. No.	Name of Programme	Number of students studying in Campus during 2016-17			
		1st year	2nd year	3rd year	4th year
1	B.Tech (NA & OE)	35	38	30	38
2	M.Tech (NA & OE)	12	8	-	-
3	M.Tech (D & HE)	13	12	-	-
<i>Grand Total</i>		60	58	30	38

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

**Table 3**

S. No.	Name of programme	Number of students studying in Campus during 2016-17 (all batches put together)			
		Total	SC	ST	OBC-NCL
1	B.Tech (NA & OE)	141	21	9	50
2	M.Tech (NA & OE)	20	4	-	5
3	M.Tech (D & HE)	25	1	-	11
<i>Grand Total</i>		186	26	9	66

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

**Table 4**

<b>S.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
1	Dredger Familiarization Course for DCI	26.10.2016 to 05.11.2016 (10 days)	12
	<i>Grand Total</i>	10 days	12

- (ii) Details of new short term courses started during the period:

**Table 5**

<b>S.No.</b>	<b>Course Title</b>	<b>Duration</b>	<b>No. of Participants</b>
	Nil		
	<i>Grand Total</i>		

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

**Table 6**

<b>S.No.</b>	<b>Discipline</b>	<b>Permanent</b>	<b>Special Visiting faculty</b>	<b>Visiting</b>	<b>Outsourcing</b>
1	B.Tech (NA & OE)	3	10	8	-
2	M.Tech (NA & OE)				-
3	M.Tech (D & HE)				-
	<i>Grand Total</i>	3	10	8	-

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

**Table 7**

<b>S.No.</b>	<b>Department</b>	<b>Permanent</b>	<b>On Contract</b>	<b>Outsourcing</b>
1	Administration & Purchase	09	1	-
2	Finance & Accounts and Transport	05	-	-
3	Academics	08	-	-
4	Library	03	-	-
5	Maintenance	03	-	-
6	Information Technology	01	1	-
<i>Grand Total</i>		29	2	-

## 8. Status of Plan Works:

**Table 8**

<b>S.No.</b>	<b>Description of the work</b>	<b>Sanctioned Amount (Rs. in Lakhs)</b>	<b>Status of the work</b>
1	Construction of Administrative & Academic Block and Workshop	Admn. Block : Rs.26,97,48,000/- Work shop : Rs.2,50,44,000/- Total : Rs.29,47,92,000/	45% Physical Progress
2	Construction of Hostel Block (G+2) & Mess Block (G+1)	Hostel Block : Rs.14,25,93,000/- Mess Block : Rs.4,63,04,000/- Total : Rs.18,88,97,000/-	50% Physical Progress
3	Development and Bulk Services	Rs.13,18,28,000/-	35% Physical Progress

4	Construction of Compound wall (balance portion), Security cabin, Box culvert, drains	Rs. 3,50,88,000/-	96% Physical Progress
5	Storm water Drains	Rs. 81,80,000/-	100% Physical Progress
<i>Grand Total</i>		Rs. 65.8785 crores	

9. Details of purchases made under SFC funds:

**Table 9**

<b>Sl. No.</b>	<b>Description</b>	<b>Cost (Rs. in Lakhs)</b>	<b>Remarks</b>
1	Replacement of 25KVA D.G. Set in existing Campus	Rs. 26,89,788/-	Work Completed.
2	Replacement of 25KVA- Generator Set	Rs. 5,12,739/-	Work Completed.
3	Replacement of 3X77 TR Chiller package AC system into Air-cooled Package type AC system	Rs. 1,09,41,330/-	20% Physical Progress
4	<u>Equipment for Vibration Laboratory</u> a. 1 No. VTS –Shaker Table b. 2 Nos. Comprehensive Experimental Teaching system c. 1 No. Electronic Impact Hammer	Rs. 23,00,000/-	Equipment received and installed.
5	<u>NAPA Software, Noise and Vibration /EMC software, Marin / WAMIT software etc:</u> a. Delft 3D Flexible Mesh-Delft 3DFM b. VAONE Vibro-Acoustic -ESI Software c. MARIN WSHIP software d. CEM Solution 2014 package e. NAPA Software f. SESAM and NAITICUS Software	Rs. 99,50,000/-	Softwares received and installed

6	<u>Up-gradation of Existing computer Systems:</u> a. Upgradation of Computer Hardware and Software b. Upgradation of Libsys-4 Software c. ALF for LocalGuru Software d. Wi-Fi RFID Handheld Reader	Rs. 99,50,000/-	Equipments and Softwares received and installed
	<i>Grand Total</i>	Rs.3.60 Crores	

10. *Performance Based Rewards received by the students:*

**Table 10**

<b>Sl.No.</b>	<b>Course</b>	<b>No. of Students who received Rs.1,00,000/- reward</b>	<b>No. of Students who received Rs.75,000/- reward</b>
1	B.Tech (NA & OE)	3	12
2	M.Tech (NA&OE) and (D&HE)	1	2
<i>Grand Total</i>		4	14

Sambandan Memorial Prize of Rs. 10,000/- was awarded to Mr. Soumya Chakraborty of 4<sup>th</sup> Year B.Tech(NA&OE) (2012-16 batch).

11. (i) Co-curricular and Extra-curricular Activities of Students:
- a. Service activities in Mother Teresa's Home for dying destitute (08.04.2016).
  - b. Competitions to local women and interaction with Self-help group members (12.04.2016).
  - c. Religious Harmony Tour (20.04.2016).
  - d. Vocational Training Programme (24.04.2016).
  - e. Seminar on Dr BR Ambedkar (03.05.2016).
  - f. Essay-writing Competition (20.08.2016).
  - g. Literacy day celebration (08.09.2016).
  - h. Swatch Bharat Programme (04.10.2016).
  - i. Seminar on Contemporary social activities (10.10.2016).

- j. Seminar on Social issues (08.11.2016).
- k. National Education day celebration (11.11.2016).
- l. Workshop on Human Rights Education through Films (22.11.2016).
- m. Service activities in Lebenshilfe (25.11.2016).
- n. AIDS awareness programme (29.11.2016).
- o. Essay-writing Competition (20.02.2017).
- p. Awareness Programme on Life Style Management (24.02.2017).

(ii) Awards won in Competitions/seminars:

- a. IMU, Visakhapatnam Campus Team, which participated in the TATA CRUCIBLE QUIZ at GITAM University, Visakhapatnam was adjudged SECOND and won a cash award of Rs.35,000/-.

**Table 11**

<b>S.No.</b>	<b>Name of the Students</b>	<b>Prize</b>
1	AM Udith Dhruv	SECOND PRIZE
2	Jayakrishnan Harikumar	

- b. IMU, Visakhapatnam Campus Team, which participated in the SAMUDRAMANTHAN 2017 at IIT KHARAGPUR, has won the following prizes.

**Table 12**

<b>Sl. No.</b>	<b>Event Name</b>	<b>Participants' Names</b>	<b>Year</b>	<b>Prize</b>
1.	Raise the Titanic	1. Pranoy Roy 2. Joseph C Sajan 3. P Sreerang 4. Gopikrishna	2nd B.Tech	SECOND PRIZE
2.	Operational Atlanta	1. Adhil Asif 2. Divyal Komarpant 3. Akshay Bhosle 4. D'souza Phil Filomeno	3rd B.Tech	SECOND PRIZE
3.	The Mighty Hercules	Both 3 <sup>rd</sup> Year Students and 2 <sup>nd</sup> Year Students same as at S.No 1 and 2	2nd B.Tech	Both FIRST and SECOND PRIZE



4.	Oceanic Quiz	1. Jayakrishnan 2. Udith Dhruv 3. Ram Govind	2nd B.Tech	FIRST PRIZE
5.	Beyond 2	1. Sourav Jena	3rd B.Tech	FIRST
		2. Jayakrishnan	2nd B.Tech	SECOND
		3. Anish Kumar Jha	3rd B.Tech	THIRD

12. (i) Papers submitted/presentation made by *Students*:

**Table 13**

<b>Sl. No.</b>	<b>Name of the Student</b>	<b>Title of the Paper</b>	<b>Presented at</b>
1	Sourav Jena & Aditya K Vithalani, B.Tech 3 <sup>rd</sup> Yr.	Magnetic Levitation	IMU Visakhapatnam Shreshtha 2K16 dt. 8.4.2016
2	Sourav Sett & Subhodeep Ghosh, B.Tech 3 <sup>rd</sup> Yr.	Ship Conversion & Refits - New Lungs to The Suffering Industry	IIT Kharagpur Samudramanthan 2017 18.03.2017

(ii) Other activities – Sports:

Playfields:

Volleyball Court, Basket Ball court, Shuttle Badminton, 2 Cricket Net Box Courts

Participation:

“All Odisha Sports Carnival UTSAHAN – Cricket Tournament” Organizer: Indira Gandhi Institute of Technology, Sarang, Odisha Date: 06.03.2016 to 08.03.2016

(iii) Papers submitted/presentation made by faculties/staff:

**Table 14**

S.No	Author	Title of the Paper	Conference/ Journal Title
1	P. Sirisha, D. Sravana Kumar and Ch. Suneetha	Secure Cryptosystem based on Braiding Entanglement of Pauli 32 Matrices	International Journal of Computer Applications (0975 – 8887) Volume 143 – No.9, June 2016
2	D.S.P. Vidyasagar	Ship Structures (Speaker in a Workshop)	NIRDESH (National Institute for Research & Development in Defence Shipbuilding) on Ship Structures conducted on 29th Sep 2016 in Hindustan Shipyard Limited, Visakhapatnam.
3	D.S.P. Vidyasagar	Reliability concepts in Ship Structures (Guest Speaker)	Marine Engineering Department, Andhra University, Visakhapatnam on 1st Nov 2016
4	P. Sirisha	Secure Cryptosystem based on Braiding/ Entanglement of Pauli 5/2 Matrices	International Journal i.e. Bulletin of Mathematics and Statistics Research. 17th & 18th November 2016. Vol. 4. S1.
5	U.S. Ramesh and others	Energy Saving Strategy on Electric Propulsion System Integrated with Doubly Fed Asynchronous Motors	IEEE-PIICON, November 25-27, 2016, Govt. College of Engineering (Bikaner)
6	U.S. Ramesh and others	Control Strategy for Fuel Saving in Asynchronous Generator Driven Electric Tugboats	3rd IEEE UP section International Conference on Electrical, Computer and Electronics Engineering (UPCON- 2016) December 9-11, 2016, IIT BHU.

7	Mrs S. Padmashree	Sharing Online Journals & Magazines among IMU Campuses – A Case Study	National Conference on Information Technology in Libraries (ITIL) 23-24 Dec 2016, KRC, GITAM University, Visakhapatnam
8	Dr. N. Ravichandran	Gandhi and Non-Violent Management	International Journal of Multidisciplinary Educational Research. Volume 6, Issue 1(3), January 2017

13. Distinguished Visitors to the Campus:

**Table 15**

<b>S.No.</b>	<b>Name</b>	<b>Date</b>	<b>Purpose of Visit</b>
1	Shri BH. Nagesh Vice President (Design Head) ABG Shipyard, Mumbai	08 <sup>th</sup> Aug 2016	Guest Lecture
2	Dr. Bishwajit Chakraborty Chief Scientist National Institute of Oceanography, Goa	29 <sup>th</sup> Sep 2016	Guest Lecture
3	Shri S. Jagannathan Chief Engineer Chennai Port Trust, Chennai	06 <sup>th</sup> Oct 2016	Guest Lecture
4	Mr. Jannes Kamphuis Manager, IHC Group, Netherlands	25 <sup>th</sup> Nov 2016	Guest Lecture
5	Dr. GA Ramdass, Scientist G Group Head National Institute of Ocean Technology, Chennai	06 <sup>th</sup> Feb 2017	Guest Lecture
6	Mrs. Uma Raj Founder Green Valley Foundation Visakhapatnam	24 <sup>th</sup> Feb 2017	Guest Lecture
7	Capt. Amit Ray Shipbuilding Center Visakhapatnam	04 <sup>th</sup> Apr 2017	Guest Lecture

## 14. Placement:

**Table 16**

<b>S.No.</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1	Sudripto Khasnabis, B.Tech (NA&OE)	Hexagon Capability Centre India Pvt. Limited, Hyderabad (formerly known as Intergraph Limited)
2	Sachin Prahlad Mirashi, B.Tech (NA&OE)	Vedam Design & Consultancy Private Limited, Mumbai
3	Vishal Kumar Jha, B.Tech (NA&OE)	Vedam Design & Consultancy Private Limited, Mumbai
4	M.N.S Sai Tarun, B.Tech (NA&OE)	Titagarh Wagons Ltd, Kolkata
	<i>Total - 04 students</i>	

## IMU Visakhapatnam Campus



## 26. Kochi Campus

### 1. Brief History of the 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 Indian Maritime University campus in Kochi was inaugurated in 2009 to complement these establishments. 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. The campus currently conducts Under Graduate courses in Ship Building & Repair and Nautical Sciences and Post Graduate Courses in Marine Engineering and Maritime Management. The Administrative-cum- Academic Building was inaugurated by Shri. Pon Radhakrishnan, Hon'ble Minister of State for Shipping, Road Transport & Highways on 09.09.2016 in the Presence of Shri. (Prof.) K V Thomas, Member of Parliament, Shri. K J Maxi, Member of Legislative Assembly and Shri. Hibi Eden, Member of Legislative Assembly. Shri. K Ashok Vardhan Shetty, Vice Chancellor, IMU presided the function.

### 2. Name(s) of Campus Director(s) who officiated during the period covered by this Annual Report (i.e. from 01.04.2016 to 31.03.2017):

(a) R. Adm. Prem Kumar Nair, AVSM (Retd.) - Director

(b) Shri. Rajeeva Prakash - Director

### 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:

Courses:

(a) MBA in Port and Shipping Management

(b) MBA in International Transportation and Logistics Management

(c) PG. Diploma in Marine Engineering

Courses:

(a) BSc in Ship Building and Repair

(b) B.Sc. in Nautical Science

MBA in Port and Shipping Management (PSM) & International Transportation and Logistics Management: A full time MBA program in Port & Shipping Management (PSM) and International Transportation and Logistics Management (ITL) aims to provide high-quality Maritime Management education. This customized and updated course is a challenging 24-month journey combining intensive learning and practical application that will sharpen the students' performance and give them the clarity to design the next decisive phase of their career. An engrossing mix of lectures, workshops, live projects and Industrial visits make for an exhilarating and hugely rewarding period. At the end of the journey, the students will emerge more capable, confident and most importantly, sought after. It is this ethos that underpins our mission of generating world class professionals in this sector. The programme attracts talented students from across the country to take their education to the next level.

PG. Diploma in Marine Engineering: It is a pre-sea training course imparted to enable the students to join the Merchant Navy as Junior Marine Engineer. The purpose of this course is to educate them in basic theoretical knowledge and enable them to work independently as watch keepers in safe ship operations while complying with all the regulations as per the IMO. They are taught watch keeping and operations on all types of merchant ships like Tankers, Bulk Carriers, Container Ships, Chemical Tankers and Passenger Ships.

B.Sc. Ship Building & Repair:

This programme is designed not only to educate and train the students in various shop floor activities involved in Ship building and repair, but also exposes them to the design concepts involved. The curriculum is prepared keeping in mind the demands of the Ship Building and Repair industry and aims to provide qualified mid-level technical manpower.

This is achieved by having a proportionate, fine blend of theoretical studies involving Naval Architecture, Marine, Electrical and Electronic subjects and practical exposure by way of workshop and industrial training. This program was started at IMU Kochi campus in 2010 and our students have successfully found placements in various shipyards and ship design firms.

B.Sc. Nautical Science

This programme of 3 years duration aims to provide quality training in both Theory and Practical in the field of seamanship and navigation.

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 2016 -17				
			Total	SC	ST	OBC-NCL	Women
1	B.Sc.SBR	40	29	2	2	4	2
2	B.sc (Nautical Science)	30	25	3	2	7	0
3	MBA (ITL)	33	33	2	0	11	11
4	MBA (PSM)	30	8	0	0	4	1
5	PGDME	40	03			2	0



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 2016-17			
		I st year	2nd year	3rd year	4th year
1	B.Sc. SBR	29	24	16	-
2	B. Sc (Nautical Science)	25	-	-	-
3	MBA (ITL)	33	16	-	-
4	MBA (PSM)	8	-	-	-
5	PGDME	3	-	-	-
Grand Total		98	40	16	-

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

**Table 3**

Sl. No.	Name of Programme	Sanctioned Annual Intake	Number of students studying in Campus during 2016 -17 (all batches put together)			
			Total	SC	ST	OBC-NCL
1	B.Sc. SBR (1st year)	40	29	2	2	4
2	B.Sc. SBR (2nd year)	40	24	3	2	7
3	B.Sc. SBR (3 rd year)	40	16	3	2	8
4	B.sc (Nautical Science)	30	25	3	2	7
5	MBA (ITL) (1st year)	30	33	2	0	11
6	MBA (PSM)	30	8	0	0	4
7	MBA (ITL) (2nd year)	30	16	2	0	10

8	PGDME	40	3	1	0	2
	Grand Total		154	16	8	53

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

**Table 4**

Sl.No.	Course Title	Duration	No. of Participants
	NIL		

7. (i) Details of new short term courses started during the period:

**Table 5**

Sl.No.	Course Title	Duration	No. of Participants
	NIL		

- (ii) Details of Faculty and Academic Staff:

**Table 6**

Sl. No.	Discipline	Permanent	Special Visiting Faculty	Visiting	Out sourcing (Contract)
1	B.Sc. SBR	2	0	12	2
		Dr. Kesava dev		Mr. Jinu Mathew	Mr. Jayaram S
		Shri. Premchand		Mr. Arun Mohan	Mr. Ajit Nair
				Mrs. Elizebath	
				Mr. Mohanan	
				Mr. A P George	
				Mrs. Salini Sanil	
				Mr. Ayyappan Kutty	
				Mr. K. Radhakrishnan	

				Mrs. Serine Tom	
				Mrs. Deepthi Serah Aneesh	
				Dr.Meera	
				Mr. Renganathan Chettiar	
2	B.Sc. Nautical Science	3		6	2
		Capt. Sejo Gordius		Mrs. Deepthi Serah Aneesh	Capt. Jayakumar Ambadi
		Capt. Yogesh Chandralal Shah		Mr. K Radhakrishnan	Capt. T. Anil Kumar
		Capt. Sujith Kumar Pathak		Mrs. Salini Sanil	
				Mr. Joe James	
				Mrs. Serine P Tom	
				Mr. Arun Mohan	
3	MBA (ITL) & (PSM)	4		7	0
		Dr.Sekar		Mrs. Jessy Mathew	
		Dr.Nagaraj Dr. Durga Prasad Dr. Jayan		Ms. Roshney Manuel Mr. M.S.Joseph Mr. A.J.Mathew Dr. P V.Sasi Kumar Mr. Raj Kumar Ms. Asha T.K	
4	PGDME			5	1
				Mr. A.P.George Mr. Natarajan Mr. Arun Mohan Mrs. Salini Sanil Dr. V. Meera	Mr. Mohanadasan
	Total	9		30	5

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

**Table 7**

Sl. No.	Department	Designation	Permanent	On Contract	Outsourcing
1	Administration	Director	1		
2		Deputy Registrar	1		
3		Asst. Registrar	1		
4		A.A.O		1	
5		Assistant (Admin)		1	
6		Warden		2	
7	Finance	Assistant (Finance)	2	2	
8	Library	Asst. Librarian	1		
9		Library Assistant	1		

## 8. Status of Plan Works:

**Table 8**

Sl. No.	Description of the work		Sanctioned Amount (in lakhs)	Status of the work
1	Construction of Permanent Administrative cum Academic Building	Civil	1,390.28	Work completed
		Electrical	210	Work completed
2	Formation of IMU Cochin - Development Works a) Development work i/c UG Sump of 1 lakh lit capacity septic tank internal WBM, storm water drains	Civil	403.49	Work completed
		Electrical	20	Work completed
3	Electrical substation in 10 acres land		182.93	Work completed
	315 V transformer & 250 volt DG., set		65.91	Work in progress
4	Erection of ship mast at IMU 10 acres land		46.62	Work completed
5	Supply of modular & wooden furniture		120.08	Work completed
6	Construction of sewage treatment plant		99.36	Work in progress

7	Construction of road envisaged in master plan		94.36	Work completed
9	Construction of volley ball & basket ball court (1 No. each)		56.2	Work completed
10	Construction of foot ball court		7.06	Work completed
11	Construction of 120 Bedded Boys Hostel		1,199.25	Work in progress
12	Planting of trees and plants incl. Horticulture		4.7	Work completed
13	Providing Air-conditioning in the Auditorium of the Administrative cum Academic Building		22.15	Work completed
<b>Grand Total</b>			<b>3,922.39</b>	

9. Details of purchases made under SFC funds:

(Please indicate amount spent for purchase equipment, books etc,)

**Table 9**

<b>S.No.</b>	<b>Description</b>	<b>Cost (Rs. in Lakhs)</b>
1	Hydraulic Lab items	1.40
2	Pneumatic Lab items	0.48
3	Nautical Equipments like barograph, sextant and barometer	1.21
4	Projectors	1.18
5	Multi Gym	0.90
6	Firewall	5.67
7	Physics Lab	1.23
8	Laptop	0.67
	<b>Grand Total</b>	<b>12.74</b>

10. Performance Based Rewards received by the students:

**Table 10**

<b>Sl. No.</b>	<b>Course</b>	<b>No. of Students who received Rs.1,00,000/- reward</b>	<b>No. of Students who received Rs.75,000/- reward</b>	<b>No. of Students who received Rs.50,000/- reward</b>
1	MBA (ITL)	0	2	3
2	B.Sc. (SBR)	3	6	4
<i>Grand Total</i>		3	8	7

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

(i) Awards won in Competitions/seminars

The School of Maritime Management, Cochin Campus has won Overall Champion ship in ESTUARY 16 at Chennai

(ii)Papers submitted/presentation made by Students: NIL

(iii) Other activities

12. Papers submitted/presentation made by faculties/staff: NIL

13. Distinguished Visitors to the Campus:

**Table 11**

<b>Sl. No.</b>	<b>Name of the Visitor and Designation</b>	<b>Date</b>	<b>Purpose of Visit</b>
1	Shri. Pon Radhakrishnan, Hon'ble Minister of States for Shipping, Road Transport & Highways	09.09.2016	Inauguration of Administrative-cum-Academic Building
2	Shri. (Prof.) K V Thomas, Member of Parliament	09.09.2016	Inauguration of Administrative-cum-Academic Building

3	Shri. K J Maxi, Member of Legislative Assembly	09.09.2016	Inauguration of Administrative-cum-Academic Building
4	Shri. Hibi Eden, Member of Legislative Assembly	09.09.2016	Inauguration of Administrative-cum-Academic Building

14. *Placement:*

**Table 12**

<b>SI. No.</b>	<b>No. of Students Placed</b>	<b>Names of the Companies</b>
1	1	<i>Trans Asia Global Logistics</i>
2	1	<i>Atlas Marine, UAE</i>
3	1	<i>Aries Marine</i>
4	6	<i>Cochin Shipyard Ltd</i>
5	2	<i>All Cargo</i>
6	3	<i>WIPRO</i>
7	6	<i>Lots Shipping, Cochin</i>
8	5	<i>BOXCO Logistics</i>
9	1	<i>Pan Continental Logistics, Dubai</i>
10	2	<i>SODEX India</i>

23-28 January 2017, the School of Maritime Management (Cochin Campus) has organized an industrial visit for II year students of MBA who were accompanied by two of the faculties. The visit was to the Krishnapatnam port in Andhra Pradesh and Kamrajar Port in Tamil Nadu.

On 21<sup>st</sup> March 2017, the School of Maritime Management (Cochin Campus) has organized a Port visit for I year students of MBA who were accompanied by two of the faculties. The students visited Cochin port, the visit has enabled the students to know about the day-to- day workings of a Port and understand its operational issues.

## IMU Cochin Campus







# Indian Maritime University and its Campuses



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