

S.N. (24/02)

**REPORT OF THE EXPERT COMMITTEE
CONSTITUTED TO CONSIDER THE PROPOSAL OF
~~ACADEMY OF MARITIME EDUCATION AND TRAINING,~~
KANATHUR FOR GRANT OF DEEMED TO BE UNIVERSITY
STATUS UNDER SECTION 3 OF THE UGC ACT, 1956**

I Background of the Institution with the composition of the Expert Committee.

The University Grants Commission received a proposal from the Ministry of Human Resource Development, Government of India to consider the proposal of **ACADEMY OF MARITIME EDUCATION AND TRAINING, KANATHUR** for grant of Deemed to be University status. The proposal was examined by the secretariat of the UGC and accordingly, the Chairman UGC constituted an expert committee consisting of the following vide letters number F-6-28/2005(CPP-1) dated 20th November 2006 and 29th November 2006.

- | | | |
|----|--|-----------------|
| 1. | Prof. R.P. Dahiya
Director
Malviya National Institute of Technology
Jaipur. | Chairman |
| 2. | Prof. S.K. Sarangi
Director,
National Institute of Technology
Rourkela. | Member |
| 3. | Prof. D.R. Bhaskar
Department of Electronics and Communication Engineering
Faculty of Engineering & Technology
Jamia Millia Islamia
New Delhi – 110 025 | Member |
| 4. | Prof. Capt. Mahesh Chandra Yadav
Director
Fosma Maritime Institute and Research Organization
1517, Maker Chamber-V
Nariman Poin
Mumbai – 400 021 | Member |

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- 5. **Mr. P.R. Krishnan** **Member**
Dy. Director General of Shipping
Ministry of Shipping, Road Transport and Highways
Directorate General of Shipping, Jahaz Bhavan
W.H.Marg, Mumbai 400 001.
(Nominee of Director General of Shipping, Govt. of India)

- 6. **Mr. Subhimal Chakrabarti** **Member**
Former Principle Officer ,
Mercantile Marine Department
Directorate of General of Shipping &
Chairman, Institute of Engineers
No.42, 2D,Biran Roy Road East
Manmohan park,Kolkata – 700 008

- 7. **Dr. R.K Chauhan** **Member-Secretary**
Additional Secretary
UGC

The committee visited ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) on 1st & 2nd December 2006. All the members except Prof.S.K.Sarangi visited the Institute. He could not visit because of his other urgent engagements.

The committee was received by Shri. J. Ramachandran, Chairman of the Trust, other trustees and Capt.S.Bhardwaj CEO & DIRECTOR of the Institute. It was followed by Power point presentation by the Director of the Institute wherein senior faculty members of AMET were also present. The institute had highlighted its achievements in terms of Academic programs, Physical Infrastructure, facilities and road map for future growth.

The Committee had separate meetings with the teaching, non-teaching staff and the students in the Auditorium of the Institute. Thereafter, all the Committee members along-with the senior faculty visited different Laboratories, Computer Laboratory, Workshops, Class Rooms, Engineering Drawing Room, Chart Room, Library, Hostels, Dining Halls, Canteen, Swimming Pool, Sports facilities, and the upcoming on-shore training facility on Ship's Engine Room with machinery and auxiliaries. During the visit, queries were made about the various experiments floated in different Semesters, training software, expansion plans, etc.



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II. Infrastructure facilities:

The following infrastructural facilities were available in the Institute which were physically inspected and verified by the Committee.

A. The total land area of the Institute is as under:-

- | | | | |
|------|--|---|------------|
| i) | Kanathur Reddykuppam (East Coast Road) | - | 8.05 Acre |
| ii) | Thenpattinam (East coast road) | - | 21.85 Acre |
| iii) | Kalanji Village (Near Ennore Port) | - | 12.00 Acre |
| iv) | Sriperumpadur (Echur) | - | 11.57 Acre |

Total: - 53.47 Acres

B. The covered area and estimated cost of the buildings are given below:-

Name of the Institute	Name of the Building	Covered Area in Sq. mts.	Cost (Rs. In lacs) as intimated by the Institute
Academy of Maritime Education & Training (A fully residential Institute)	Administrative Building	1151 Sq.mts.	67, 84, 440 (2002-03)
	Academic including Library	8191.09 Sq. mts.	528,32, 580 (2002-03)
	Teachers Residence & Faculty Guest House	644.47 Sq.mts.	50, 00,170 (2002-03)
	Work Shop - I	658 Sq. mts. *	39,48,000 (2002-03)
	Work Shop - II	1082 Sq. mts.	64,93,200 (2003-04)
	Work Shop - III	630 Sq.mts.	31,50,000 (2006)
	Hostel - I (G + 3 F)	2576 Sq.mts.	154,56,000 (2002-03)
	Hostel - II (G + 3 F)	2576 Sq.mts.	154,56,000 (2002-03)
	Hostel - III (G +6 F)	4571 Sq.mts.	274,26,000 (2004-05)

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	Hostel – IV(G + 6 F) (Under Construction) 1+1 completed	9100 Sq.mts (1555 Sq.mts)	Approx. Cost 637,00,000
	Academic Block III Floor	1500 Sq.mts	80,00,000
	Ship-in-campus Actual ship is constructed with its associated machinery & Equipments	2240 Sq.mts (Under construction)	250,00,000 (The cost excludes machineries & equipments)
	Horizon Student Hostel (Under Lease) G+3	1440 Sq. Mts	
	Canteen I Canteen II	547 Sq.mts 1005.24 Sq.mts	
	Staff Guest House	390 Sq.mts	
	Music Room	11 Sq.mts	
	Total Built-up Area	38,310.65 Sq.mts 4,09,923.955 Sq.ft.	

C. Class-rooms:

All class rooms are air-conditioned and have the facility of power point projections with all modern facilities.

D. Hostel:

The Institute has air-conditioned Hostel with mess hall providing Indian and continental foods. The Institute also has the laundry facility.

E. Computer Lab:

The Computer lab is well equipped with tower for internet access.

F. Medical:

A full time doctor is employed in the campus with sick bay, ambulance and other medical facilities.

The Institute possesses the required infrastructure as prescribed by the UGC.

III. STRUCTURE:**A. Management Structure:**

The management structure of the Institute is as under:-

i) Trust:

The management consists of a Board of Trustees, headed by the Chairman of the Trust.

ii) Advisory Committee:

Advisory Committee of the Institute consists of internationally acclaimed eminent persons from Industry and Academia.

iii) Faculty:

The Institute has qualified faculty in maritime. The details of the faculties are given at Annexure-I. Maritime engineering being the new innovative area has no Post-graduate or doctoral courses in the country. Even in global scenario, these courses are being launched only now. However, the existing faculty is qualified as per the norms laid down by the Directorate General of Shipping, Govt. of India.

The Institute has Director cum CEO of the Institute, Deans, Heads of Departments, members of the Faculty, Administrative Officers and Staff, Wardens and Workshop Instructors.

The Management structure is as per UGC norms.



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IV. DEPARTMENTS AND COURSES OFFERED:

under: **The Departments and the courses offered by the Institutes are as**

A. Departments:

1. Department of Marine Engineering
2. Dept. of Marine Technology
3. Dept. of Nautical Science
4. Dept. of Electrical and Electronics
5. Dept. of Mechanical Engineering
6. Dept. of Maritime Management
7. Dept. of STCW
8. Dept. of Biotechnology & Environmental Studies
9. Dept. of Applied Science
 - a. Dept. of Basic & Environmental Chemistry
 - b. Dept. of Nautical & Marine Engg. Physics
 - c. Dept. of Mathematics
 - d. Dept. of Computer Applications

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B. Courses offered:

No	Details of Courses offered	Year of study	Qualification/ Eligibility	Affiliated to / Approved by	Admission Capacity	Year of commencement of the course
	Higher National Diploma (Residential Courses) a) Marine Engineering (UK) b) Nautical Science (UK)	2 Years - 1 st Year in AMET & - 2 nd year in Glasgow College of Nautical Studies, Scotland U.K.	Pass in +2 with 60% in PCM and 50% in English	Glasgow College of Nautical Studies, Scotland, U.K/ Scottish Qualification Authority U.K	a) 50 b) 50	1993
	Higher National Diploma (Residential Courses) c) Marine Engineering (UK) d) Nautical Science (UK)	2 Years - 1 st Year in AMET & - 2 nd year in South Tyneside College, U.K	Pass in +2 with 60% in PCM and 50% in English	South Tyneside, college, UK	c) 50 d) 50	2006
	B.E Marine Engineering (Residential & Co-educational)	4 years / 8 Semesters	- do -	Birla Institute of Technology, Ranchi Approved by the Director General of Shipping Govt of India	96	2001
	B.Sc Nautical Science (Residential & Co-educational)	3 years / 6 Semesters	- do -	- do -	96	2002
	B.E Marine Technology (Completely Sponsored by A.P.Moller / Maersk Singapore (Residential co-educational)	4 Years / 8 Semesters	Pass in +2 with 60% in PCM and 50% in English	- do -	300	2005

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No	Details of Courses offered	Year of study	Qualification / Eligibility	Affiliated to / Approved by	Admission Capacity	Year of commencement of the course
	GME-Graduate Marine Engineering.	1 Year	B.E. Mechanical Engineering	DG Shipping Govt. India	24	2002
	ETO-Electro Technical Officer	24 weeks (12 weeks at Indian Institute of Technology, Chennai and 12 weeks at AMET)	Radio Officers with II Class, with 5 years sea service on board Merchant Navy Ships. B.E. (EEE or. ECE).	IIT, Chennai & Ministry of Shipping Govt. of India.	24	1996
	Institute of Chartered Shipbrokers (ICS), London, Distance Learning Centre in India.	By submitting a thesis	The ICS London, under a Royal Charter. To ensure that Shipping Personnel trained to exacting International standards.	The Institute of Chartered Shipbrokers, London		1996

Details of Courses offered	Year of study	Qualification / Eligibility	Affiliated to / Approved by	Admission Capacity	Year of commencement of the course
STCW Courses a) Global Maritime Distress and Safety System-GMDSS- General Operator Certificate Course	Short Term Courses	Under the International convention on Standards of Training, Certificate and Watch keeping for Seafarers 1978, as amended in 1995 (STCW Convention)	GMDSS Approved by Govt. of U.K. Approved by DG Shipping Govt. of India " " "	12 24	

<ul style="list-style-type: none"> b) Global Maritime Distress and Safety System-GMDSS-General Operator Certificate Course c) Tanker Familiarisation Course d) Medicare Course] e) Fire Prevention and Fire fighting f) Personal Survival Techniques Course g) Personal Safety and Social Responsibilities Course h) Elementary First Aid Course i) Proficiency in Survival Craft and Rescue Boats Course 			<p>“</p> <p>“</p> <p>“</p> <p>“</p>		
<p>10) MBA (Shipping & Logistics Managements) (Regular)</p>	<p>2</p>	<p>Any Degree from a Recognized University. BBA, B.Com, Eng & Technology, Marine Engineering, Nautical Science</p>	<p>Birla Institute of Technology, Ranchi</p>	<p>50</p>	<p>2004</p>
<p>11) MBA (Shipping & Logistics Management) (Distance Education Mode)</p>	<p>2</p>	<p>As above and Master FG , Chief Eng License , Serving seafarers</p>	<p>AMET is Approved as Study Centre of Tamil Nadu Open University</p>		<p>2006</p>

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Sanctioned intake and Present student strength:

SL.NO	COURSE	APPROVED STRENGTH	ADMITTED STRENGTH
1	MBA (Shipping & Logistics Management)	45	34
2	Graduated Marine Engineering	24	24
3	BE (Marine Engineering)	96	94
4	BE (Marine Technology)	399	249
5	B.Sc (Nautical Science)	96	96
6	HND* in Marine Engineering – GCNS	60	27
7	HND* In Nautical Science – GCNS	40	28
8	HND* In Marine Engineering - STC	60	57
9	HND* in Nautical Science – STC	40	31
10	Marine Electrical & Electronics Officers Course	30	16
	TOTAL STUDENTS	900	656

*Higher National Diploma

LIBRARY, LABORATORY AND WORKSHOP EQUIPMENT:

The Library, Laboratories and Workshops were physically inspected and verified by the Committee as under:-

1. Fluid Mechanics Laboratory
2. Electrical and Electronics Laboratory
3. Automation Laboratory
4. Refrigeration and Air-conditioning Laboratory
5. Physics Laboratory
6. Chemistry Laboratory
7. Biotechnology Laboratory
8. Seamanship Laboratory
9. GMDSS Laboratory
10. Applied Mechanics Laboratory
11. Computer Laboratory
12. Ship - in - campus Laboratory
13. Workshop I
14. Workshop II
15. Workshop III
16. Internal Combustion Laboratory
17. Strength of Materials Laboratory
18. Marine workshop



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The details of the Library, Laboratory and Workshop equipment is attached as Annexure II.

Academic Block:

Floors	Class rooms	Labs	Faculty Rooms	Toilets
Ground Floor	1	4	4	2
First Floor	3	6	4	2
Second Floor	16	0	3	2
Third Floor	14	-	2	2
Block 2	8	-	2	2
Drawing Hall	2	-	-	-

Research and Development Programmes: There are not enough research and development activities at the institute at present. This needs to be enhanced by inducting qualified and experienced faculty in future.

Student Activities:

The following are the special feature relating to the students activities:-

Uniform and Discipline for the students: As per the traditions of the Indian Navy and the Merchant Navy, the students are required to wear Uniforms throughout. Different Uniforms are prescribed for different activities, such as Class Rooms, Sports, Workshop and Laboratory Training, Swimming, etc.

Full Time Residential Courses:- All the long duration Degree and Certificate courses at the institutes are full time and compulsorily residential. No-Smoking and no alcohol Policy is adhered to by the Institute.

Ship's Engine Room: The construction of a structure is in progress at the institute wherein a ship's engine room machinery, its auxiliaries and other fixtures will be housed and installed. All these machinery and the propeller and rudder would be operational for training purposes. This is being put in place in compliance with the guidelines of the Directorate General of Shipping.

Boat-work facilities: The institute has the facilities available for Boat – rowing practice in the adjoining Buckingham Canal for all the trainees, particularly for the students of the nautical discipline and marine technology course. The institute also has a life boat launching and practice facility at the Chennai port.

Fully Sponsored Course: - Maersk Shipping Line of the AP Moller Group of Denmark has a Memorandum of Understanding (MoU) with the Institute whereby the shipping company selects the students on an all India basis for training and employment, then puts them at this Institute for undergoing the B.E. Marine Technology Course including the in-built on-board training on board the company's ships as part of the course. On completion of the course and certification by the Government, the students are employed by this shipping company as officers. This programme is fully sponsored by the shipping company and all cost of education and training is borne by the shipping company.

Air - Conditioned Class Rooms and Hostel: All Class Rooms for the above course are air conditioned, equipped with a Computer and an LCD Projector. The hostel rooms for these students are air conditioned.

Collaborative Courses with UK Colleges: The institute conducts Higher National Diploma Programmes in collaboration with the Glasgow and South Tyneside Colleges of UK for nautical and marine engineering disciplines. The Diplomas are awarded by the respective foreign colleges under the authority of Maritime and Coast-guard Agency of UK.

Placement Record: The institute has indicated 100% placement record for the courses currently being conducted by the Institute. In view of the growing demand for Indian Nationals as officers on board ships of Indian and Foreign Shipping companies, the placement process is expected to continue in future.

Student Amenities: The institute has good facilities and amenities for the students such as Air-conditioned Mess Room, Internet with Broadband facilities, Xerox, Doctor and a patients' room with a dispensary, Gymnasium, Indoor and Outdoor Games, Swimming Pool, Entertainment and Television sets.



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II Inspection Report

1.	Headquarters of the proposed Institute applied for Deemed to be University status with full address.	135, East Coast Road, Kanathur – 603 112 Tamil Nadu
2.	Name of the Trust promoting the proposed institute(s) for Deemed to be University Status which should be one for all Institutions if the proposal is for more than one Institutions.	Academy of Maritime Education and Training Trust , 5107, H2, II Avenue, Anna Nagar, Chennai – 600 040 Tel : 044-2616 1180 / 1438 / 2031 / 2287 Fax : 044-2616 2827 The proposal is only for one institution.
3.	Date & Year of establishment of the Institution(s).	15 th February 1993
4.	Territorial jurisdiction of the Institution(s).	The territorial jurisdiction of the Institute is state of Tamil Nadu.
5.	Thrust areas of the proposed Institution(s) indicating special or innovative features.	The institute is imparting education and training in Maritime Education. This is an upcoming emerging area where there are more potential for employment in National and International shipping organizations. There is no University in the country offering education in maritime field.
6.	Date(s) of the visit of the Expert Committee	December 1 st & 2 nd 2006
7.	Is the proposal under General De Novo Category; please specify	Yes. The proposal is under De Novo category.
8.	Whether accredited by NAAC, if yes, rating?	The institute has not undergone NAAC accreditation. However, it has CRISIL rating which is international assessment agency. The institute has also been assessed for ISO 9001: 2000.



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Whether the proposed institution(s) is affiliated to any university under Section 2(f)/12B of the UGC Act? If yes, the name of the University.	No. However, the institute has collaborating programmes in B.E (Marine Engineering), B.Sc (Nautical Science), B.E (Marine Technology) & MBA (Shipping & Logistics Management) with Birla Institute of Technology, Ranchi as Chennai Extension Centre. The institute has the approval of Director General of Shipping, Government of India for conducting B.E (Marine Engineering), B.Sc (Nautical Science), Graduate Marine Engineering, B.Sc (Maritime Science), Diploma in Nautical Science, Dual Pre-sea training course in B.E (Marine Technology)
10. Whether the affiliating university willing to examine and confer degree or other awards of students already enrolled with the Institution(s) seeking Deemed to be University Status.	Yes. The existing collaborative programme may continue even after becoming a deemed to be University.
11. Source of finance and quantum of funds available – from fees; from State Govt. from UGC from other sources (details)	As per balance sheet for the year 2005-2006 the following is the income profile of the institute:- Fee - Rs.1794 lakhs, Internal receipts from sale of applications, etc. - Rs.34.00 lakhs. In addition the trust has created a corpus of Rs.5.00 crores vide Bank Deposit Receipt No.792062 dated 30 th November 2006 with Indian Overseas Bank, Thiruvanniyur Branch, Chennai – 600 041.
12. Whether the institution(s) is financially and academically viable to run the institution(s) as Deemed to be University.	Yes. The committee is satisfied with the financial and academic viability of the institute.



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	Receipt and expenditure of the Institution(s) for the last 3 years	<p>The receipt and expenditure of the institute for the three years is as under</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Receipt</th> <th>Exp.</th> </tr> <tr> <th></th> <th colspan="2">(Rupees in Crores)</th> </tr> </thead> <tbody> <tr> <td>05-06</td> <td>18.27</td> <td>14.27</td> </tr> <tr> <td>04-05</td> <td>12.30</td> <td>10.26</td> </tr> <tr> <td>03-04</td> <td>10.32</td> <td>07.72</td> </tr> </tbody> </table>	Year	Receipt	Exp.		(Rupees in Crores)		05-06	18.27	14.27	04-05	12.30	10.26	03-04	10.32	07.72
Year	Receipt	Exp.															
	(Rupees in Crores)																
05-06	18.27	14.27															
04-05	12.30	10.26															
03-04	10.32	07.72															
14.	Whether the permission from the concerned State Govt. has been obtained if yes, please attach a copy of the permission letter / views of the State Government.	The institute has applied for No Objection Certificate to the State Government of Tamil Nadu on 20 th February 2006. However, there is no reply from the state Government.															
15.	Details of UG/PG courses started / to be started.	<p>At present the following courses are being run by the institute:-</p> <ol style="list-style-type: none"> 1. B.E (Marine Engineering) 2. B.Sc (Nautical Science). 3. MBA (Shipping & Logistics Management), 4. Graduate Marine Engineering, 5. B.E (Marine Technology), 6. Higher National Diploma in Marine Engineering & Nautical Science, 7. Marine Electrical and Electronics Officers course, 8. STCW Courses, 9. GMDSS (U.K & Indian). 															
16.	Whether the Institute has Rs.5 crore Corpus Funds for Engineering Technology, Rs.3 crore for Science & Social Science and Rs.5 crore Corpus Funds for conducting both types of programmes. Please specify and indicate the amount after verifying the Corpus Fund.	Yes. The institute has Rs.5 (five) crores corpus deposited in Indian Overseas Bank, Thiruvannamiyur Branch, Chennai-41 vide Receipt No.792062 dated 30 th November 2006.															
17.	Whether various authority and bodies of the Institute are in accordance with the provisions of the UGC Guidelines.	This is the first institute to be considered for Deemed to be University status in the field of maritime education and training. The institute is required to follow norms and standards prescribed by the Director General															



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of Shipping, Government of India. The institute is conducting courses with the approval of the Director General of Shipping.

INFRASTRUCTURE:

18.	<p>Details of buildings</p> <p>i. Permanent</p> <p>ii. Temporary/Lease property</p> <p>Whether the Institutions has the following:-</p> <p>iii. Administrative 1000 sq.mts.</p> <p>iv. Academic including Library building 3000 sq.mts.</p> <p>v. Some teachers residence and a faculty guest house for at least 10 persons</p> <p>vi. Music / room for performing arts, etc.</p>	<p>I & ii) The institute has permanent structure. It has the buildings in existence as indicated in Infrastructure facilities at para II above.</p> <p>iii) Yes. 1151 sq. mtr.</p> <p>iv) Yes. 8191 sq. mtr.</p> <p>v) 644 sq. mtrs.</p> <p>Total built up area: 38,310.65 sq. mtr</p>
19.	<p>Land if acquired. Whether documents verifies / land registered in the name of the university and its location.</p>	<p>Yes. The land is in the name of Trustees leased out to the Trust</p> <p>Kanathur- 8.05 Acres</p> <p>Thenpattinam - 21.85 acres</p> <p>Kalanji - 12.00 acres</p> <p>Sriperumbuthur - 11.57 acres</p> <p>Total: 53.47 Acres</p>
20.	<p>No. of Laboratories; give details</p>	<p>There are 18 laboratories and workshops as under :</p> <ol style="list-style-type: none"> 1. Fluid Mechanics Laboratory 2. Electrical and Electronics Laboratory 3. Automation Laboratory 4. Refrigeration and Air-conditioning Laboratory

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		5. Physics Laboratory 6. Chemistry Laboratory 7. Bio Technology Laboratory 8. Seamanship Laboratory 9. GMDSS Laboratory 10. Applied Mechanics Laboratory 11. Computer Laboratory 12. Ship-in-campus Laboratory 13. Workshop-I 14. Workshop-II 15. Workshop-III 16. Internal Combustion Laboratory 17. Strength of Materials Laboratory 18. Marine Workshop
21.	Whether students already admitted, if yes give details course-wise	B.E (ME) – 94 B.Sc (NS) – 96 B.E (MT) – 249 MBA – 33 GME – 24 MEE0 – 16 HND-NS – 85 HND-ME – 58
22.	Hostel facilities; give details	Hostel-I (G+3)- 2576 SqM Hostel-II (G+3)-2576 SqM Hostel-III (G+6)-4571Sq.M
23.	No.of class rooms	Gr.Floor-1 1 st Floor-3 2 nd Floor-16 3 rd Floor-14 Block-II – 8 Drawing Hall-2
24.	Whether Institute has auditorium	Yes.

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LIBRARY & EQUIPMENT

25.	Area in sq.metres.	151 sq.m
26.	Number of Journals; a. National b. International	7 7
27.	Is it digital Library	Yes.
28.	Does it have repographic and bar-coding facilities.	Yes
29.	Whether Equipments, Books and Journals are worth Rs.50 Lakhs	Yes. The cost of total equipment, books & journals is Rs.271.80 lakhs
30.	Books / Equipments – give details	The institute has a library in the existing academic building. It has plans for a separate library block. The existing library has 2920 titles with 5593 books worth Rs.22.23 lakhs. In addition the library has National, International Maritime, monthly, bi-monthly, weekly leading journals. It has e-journal facilities, repographic services, bar coding, DELNET, etc. Lab Equipments : The institute has all the required equipments like Ship in campus machineries, workshop machineries & tools, computers and peripherals, various lab equipments worth Rs.249.57 lakhs.

FACULTY AND OTHER STAFF

31.	Whether teaching staff appointed, if yes give details.	There are 17 Professors, 23 Readers, 11 Lecturers & 33 Instructors and others, the details of the same are at Annexure-I .
32.	Whether the Institute have five departments – each Department having one Professor two Readetrs and adequate number of Lecturers along with necessary supplementary staff. If so, please give details department – wise.	The institute has the following departments :- <u>DEPARTMENTS</u> 1.Dept. of Marine Engineering

		<p>2. Dept. of Marine Technology</p> <p>3. Dept. of Nautical Science</p> <p>4. Dept. of Electrical and Electronics</p> <p>5. Dept. of Mechanical Engineering</p> <p>6. Dept. of Maritime Management</p> <p>7. Dept. of STCW</p> <p>8. Dept. of Biotechnology & Environmental Studies</p> <p>9. Dept. of Applied Science</p> <p>a. Dept. of Basic & Environmental Chemistry</p> <p>b. Dept. of Nautical & Marine Engg. Physics</p> <p>c. Dept. of Mathematics</p> <p>d. Dept. of Computer Applications</p>
33.	Whether the Institute is giving pay scale to teachers as prescribed by UGC. If not, is the institute proposed to bring teachers pay scales at par with University teachers?	Yes. UGC pay scales are given to the faculty members. The pay scale of mariners is much higher, than the UGC approved pay scales. Therefore, in some cases higher pay scales are given to senior mariners.
34.	Whether Non-teaching staff appointed, if yes give details.	Yes. There are 86 non teaching staff in various categories. (Annexure-II).
35.	Is the Deemed University running Distance Education programme if yes, has it been approved by DEC/UGC.	Yes. The programme in MBA (Shipping & Logistics Management) is being run through distance mode as study centre of Tamil Nadu Open University, Chennai
36.	Whether the Institution established any off campus or study center or admission center outside the State of its jurisdiction please specify, if so, has it been approved by UGC	No
37.	Whether the Institution has undertaken,	The Faculty members have published

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	any research activities. If so, please give details.	research papers in referred journals, participated in National and International conferences. However, Maritime education being the new upcoming area in the country, research needs to be further strengthened.
38.	Whether the faculty members organized or attended. International/National Conferences/Workshops, if so, give details	Yes. The Institute has organized conferences on emerging issues. In addition to the themes adopted for the National Maritime Day and World Maritime Day. The faculty members have also participated in International / National conferences /workshop, etc.
39.	Other facilities available at the Institute(s) (give details) which are necessary to support Deemed to be University status.	The institute has well developed swimming pool, Play grounds, well equipped GYM, March Past, Band, Parade Training, Health centre with full time Medical Officer, Internet, Xerox, on campus shopping facilities, music room, etc
40.	Fee Structure; give details.	(The fee structure for each semesters are as under:- B.E - Rs.35,000 B.Sc. - Rs.35,000 MBA - Rs.30,000 GME - Rs.35,000 HND - Rs.100,000 MEE0 - Rs.25,000
41.	Admission Policy / Procedure in brief	Admission to various courses is through entrance tests conducted by the institute as per the norms and guidelines of the Directorate General of Shipping including psychometric & screening tests.
42.	Examination system in brief	Examinations are conducted as per the rules of Birla Institute of Technology, Ranchi. For HND courses, the examination is conducted as per the rules of foreign collaborators.
43.	Whether the Institute is following standard/norms prescribed by statutory councils like AICTE, MIC, etc. as the case may be in respect of professional courses.	The Institute and its programmes are approved by the Director General of Shipping, Govt. of India, which is the statutory authority.

4.	Whether the Institute has given necessary undertakings/assurance as per UGC Guidelines; please attach the same.	The Institute has already given necessary undertaking in its proposal for following UGC guidelines.
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II. OBSERVATIONS OF THE COMMITTEE

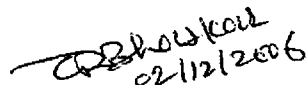
- i) Maritime is an unexplored area where there are abundant opportunities for employment and there is no university in the country in this field. The present estimates indicate **annual employment of 50,000 persons in this field. Therefore, there is a need for many Institutions and universities in the country in this field.**
- ii) As the sole Certifying Authority in India for maritime competency under Sec. 78 and 79 of the Merchant Shipping Act, 1958, the Director General of Shipping is the regulatory authority for Competency Courses in marine career. Therefore in the event of the Institute being granted the Deemed University status, **the Institute shall commence the competency courses only after the prior approval of the Director General of Shipping following the prevailing norms and standards as prescribed from time to time.**
- iii) The Institute has track record of **100% employment** of its graduates in various national and international Organizations.
- iv) The Institute has **the required infrastructure** for the grant of Deemed to be University status.
- v) As on date there are no Post-graduate and doctoral programmes in the field of Maritime education in the country. This being the first Institute for consideration for status of Deemed to be University, the Institute **plans to start Post-graduate and doctoral programme** after grant of Deemed to be University status.
- vi) The Institute has **national and international tie-ups** with various shipping companies for placement of its candidates.
- vii) The Institute has **emphasis on discipline and character building with focus on communication and personality development.**

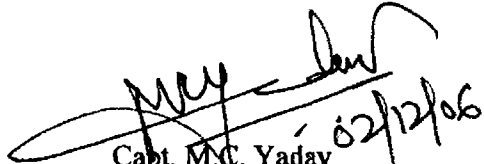
Abhinav

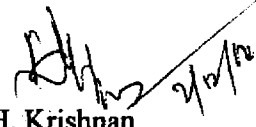
IV. RECOMMENDATIONS

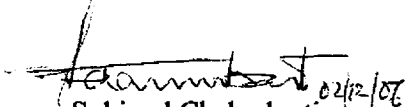
Based on the inspection of various facilities, discussion with the faculty, staff, students, administrators, trustees and perusal of the records submitted by Academy of Maritime Education and Training, the Committee recommends that Academy of Maritime Education and Training, Kanathur, Chennai may be awarded the status of Deemed to be University in the de novo category under Section 3 of the UGC Act, 1956. The performance of the Institute may be reviewed with the help of an Expert Committee after five years of granting the Deemed to be University status.



Prof. R.P. Dahiya
Chairman


02/12/2006
Prof D.R. Bhaskar
Member


02/12/06
Capt. M.C. Yadav
Member


2/12/06
P.H. Krishnan
Member


20/2/20
Subimal Chakrabarti
Member


R.K. Chauhan
Member Secretary