

Offered by



“The course is well planned giving training in handling of electrical equipment and their functions to all shipboard engineers and Trainee Electrical Officers”

Approved by



“ PROFICIENCY IN MARINE ELECTRICAL ENGINEERING ”

Course Commences
3rd Monday of Every
Month

Core Modules

- | | | |
|---|---|---|
| 1 Safe working procedures | 10 Main switch board | 19 Navigation |
| 2 Basic electricity and electro magnetic compatibility | 11 Emergency switchboard | 20 Steering gear |
| 3 Electrical equipment in hazardous zones | 12 Local power distribution board | 21 Information and communication technology, signal transmission |
| 4 Diagnostic skills | 13 Transformers | 22 Automation and instrumentation |
| 5 Communication and alarm systems | 14 Power management systems | 23 Workshop electrical equipment |
| 6 Emergency battery | 15 Electrical motors | 24 Cabling and installations |
| 7 Main and emergency generator | 16 Electrical drives | 25 Waste management and emissions |
| 8 Shaft generator | 17 Electrical illumination on deck, engine room and cargo spaces | |
| 9 High voltage generator and system | 18 Other systems | |

www.tolani.edu

Enquiries tel: 02114 – 241870 – 73, Extn. 3014

Accrediations of Tolani Maritime Institute



COURSE CO-ORDINATOR

**Mr. L. S. Tikore
M.E., M.I.E., Chartered Engineer**



Dear Marine Engineers and Electrical Officers,

We are delighted to offer a special course 'Proficiency in Marine Electrical Engineering' at Tolani Maritime Institute. This course is approved by DNV and provides the participants with a rare opportunity of training in various aspects of Marine Electrical Engineering.

This course is intended for all shipboard officers and aims to train them in the handling of electrical equipment and their function on board the ship. The course is structured and designed based on the Standard for Competence of Ship's Electrical Officer and Engineers of DNV. Therefore after completing this course the participants may opt to take the examination leading to an award of Certificate of Competency by DNV. This will not only enhance the knowledge and skills in the electrical area but also provide the unique qualification that would be extremely useful in this competitive environment. It is however, not compulsory to take this examination.

The course is well designed to equip participants with intensive hands-on training to be competent and confident in handling the electrical equipment. It will boost the ability of the participants to carry out preventive and breakdown maintenance of shipboard electrical equipment.

We are confident that you will surely benefit from this course, which will further prove beneficial to your employer. We look forward to receiving your applications. Considering the practical hands-on nature of the course only a limited participants are taken for each course. I urge you to take this course, which will also allow you an opportunity to visit the picturesque campus of this premier maritime institute of the country.

With best wishes,

B.K.Saxena
Principal

Advantages of the Course

The Course aims at twofold benefits. It will provide training to all the engineers to be adept at electrical systems on board the ship and to prepare for the COC exam which is being held under the aegis of DNV

It unravels the mystery and instills confidence and knowledge of electrical systems.

It emphasises on the simple circuits, identification of faults and rectification in order to nurture a strong basic foundation.

The course provides theoretical information and intensive hands-on training in handling of troubleshooting electrical equipment

It is conducted in a dedicated laboratory covering advanced aspects of shipboard electrical knowledge.

COURSE FEES AND ADMINISTRATION

Duration

Course duration 6 days

How to Enrol

APPLICATION FORM : Complete the "Application for Enrolment Form" and send to Tolani Maritime Institute. 2 photographs, Proof of Identity.

APPLICATION DEADLINE : All applications should be received by 2nd week of every month

Fees

PAYMENT : Demand Darft should be sent along with the filled application form.

COURSE FEES : The fees for entire course including boarding and lodging is Rs. 13000/- and for Foreign candidates 420\$.

Payment Method

DEMAND DRAFT : Draft should be drawn in favour of "Tolani Maritime Institute" payable at Pune.

Cancellation Policy

TERMS : Once accepted on to the course, withdrawal requests must be received in writing before the start of the course and these will be subject to refund of 20% of fees. Requests received after the start of the course will be treated as cancellations and no refunds will be given

For more information tel: 02114 - 241870 - 73

Courses At TMI

Four years Residential Programme are

★ **B. S. Marine Engineering**

★ **B. S. Nautical Technology**

Eligibility Criteria For Admission in 2007 :

- Unmarried candidates, of either sex, born on or after 1st September 1987. For female candidates there is a relaxation of the age limit up to 2 years.
- Candidates must have successfully completed the Senior Secondary Examination (X+II) or its equivalent having secured at least 60% marks in Physics, Chemistry and Mathematics and at least 50% marks in English either in Class X or Class XII.
- Candidates must meet the physical fitness and medical standards as laid out in the Merchant Shipping (Medical Examination) Rules, 2000 as amended from time to time. It is important to note that any deficiency in this respect would disqualify a candidate on a career at sea.
- **Eyesight requirement for Nautical Technology :** 6/6 vision in both eyes without glasses. Normal colour vision is to be tested by Ishihara test chart. Candidates must pass the eye sight test conducted by Mercantile Marine Department Mumbai / Chennai / Kolkatta.

Application Process :

- Fill application form online available on our website www.tolani.edu
- Print duly filled application form and send the same along with a Crossed Demand Draft for Rs. 800/- (\$40 Banker's Cheque in the case of foreign or non-resident applicants) towards the non-refund able application and online test fees. the draft should be drawn in favour of "Tolani Maritime Institute" payable at Pune.
- Completed applications must reach TMI by 20th June 2007.

Selection Process :

Selection process comprises of three components online test, medical examination, personal interview.

- **Online Test :** Online test has a multiple - choice format covering Physics, Chemistry, Mathematics, English, Logical and analytical problem solving.
- **Medical Examination :** Medical Examination shall be conducted by DGS approved examiners to ensure that candidates are fit for sea service

- **Personal Interview :** The interviewing panel of the Institute, which comprises of faculty and external experts, will make an evaluation of the candidates' suitability for a sea faring career.

All the candidates tested and interviewed will be ranked on the basis of application information, test and interview. this ranking by the institute will be final and binding. Candidates will be offered seats strictly on basis of ranking list.

★ **Shipmasters' Command and Control Course**

Duration : 6 days
Benefit to : Masters and Chief Officers with Master (F.G.) Certificate of Competency

★ **Safe Operation On Board Tankers & Chemical Carriers**

Duration : 5 days
Benefit to : Rating and Navigatory Officers

★ **Safety Environment Competence Enhancement for Deck Officers**

Duration : 5 days
Benefit to : Navigatory Officers

★ **Certification Course On Welding**

Duration : 15 days
Benefit to : Senior & Junior Ship Board Officers
Certification by Classification Society and/or AWS
Certification on 2G/4G/6G

★ **MEO Class IV Preparatory**

Duration : 12 weeks

★ **STCW Courses**

Elementary First Aid (EFA)
Duration : 2.5 days

Personal Safety and Social Responsibilities (PSSR)
Duration : 3 days

Fire Prevention and Fire Fighting (FPFF)
Duration : 3 days

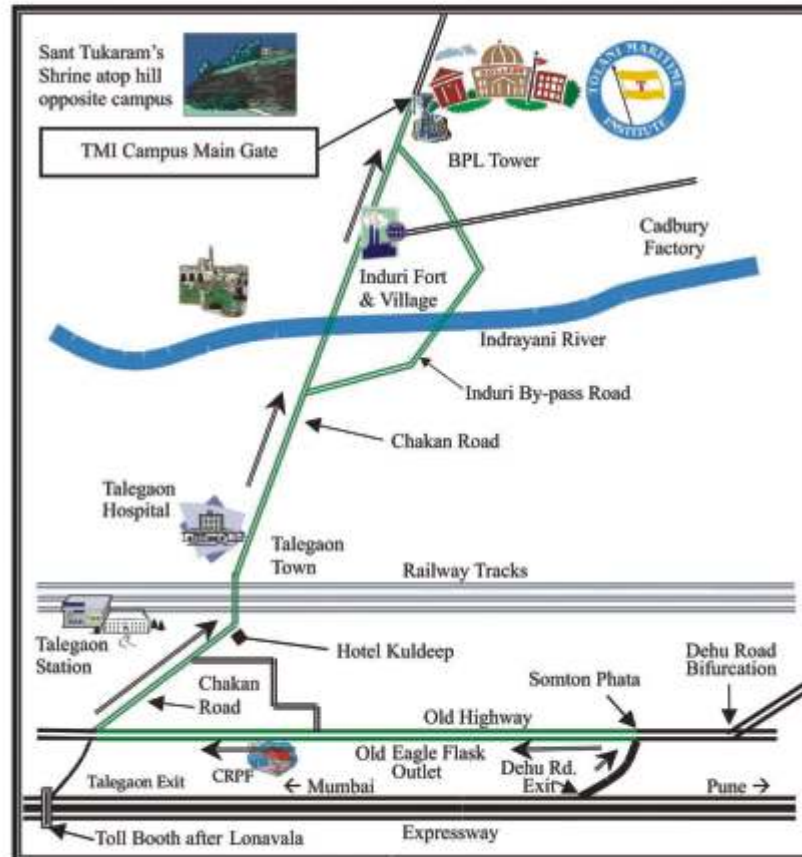
Personal Survival Techniques (PST)
Duration : 2.5 days

TOLANI MARITIME INSTITUTE

Talegaon Chakan Road,

Induri Village, Maval Taluka, Pune 410 507. INDIA.

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(Sketch not to scale)

For bookings and for more information contact :

Tolani Maritime Institute

E - mail info@tmi.tolani.edu

Fax 02114-241517

Tel. Board : 02114-241870-73, Pramila - Extn. 3014

Tel. Direct : Shabana 02114 - 241960

Mr. L. S. Tikore (Course Coordinator) Extn. 3076

Cell 9422517357

Proficiency in Marine Electrical Engineering Course

FULL NAME : _____
(BLOCK LETTERS; as in CDC/CERTIFICATE)

COMPANY: _____ RANK: _____

DATE OF BIRTH: _____ PLACE: _____ AGE: _____

NATIONALITY: _____ COURSE DATE _____

PROFESSIONAL TRAINING:	Place	From	To
Pre-Sea	_____	_____	_____
On-Board	_____	_____	_____

CERTIFICATE OF COMPETENCY: Grade: _____ No: _____
Valid Upto: _____

PERSONAL DOCUMENTS:	No	Valid Upto	Copies
CDC:	_____	_____	<input type="text"/>
IN DOS :	_____	_____	<input type="text"/>
Passport:	_____	_____	<input type="text"/>

MEDICAL FITNESS: Are you suffering from any communicable diseases?: Y / N

I hereby declare that I am medically fit to undergo the course.

I also undertake to abide by the terms for admission and participation

HOSTEL: Availing Hostel facilities: Y / N

COMMUNICATION ADDRESS: _____

_____ Tel. No. _____

E-mail ID:- _____