

Lecture Series

The Vasant J. Sheth Memorial
Foundation Lecture Series

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Editorial ...

Every year troops of kids from all across the country, emerge from the shelters of their mother's care and stumble their way into Tolani Maritime Institute. They come with bright ideas for their future. It seems, the allure of life as a mariner has not diminished with time, on the contrary, with increase in pay, better work conditions and more respect gained, the attraction has only gone up.

The first semester of an academic year is special in many aspects. Not only does TMI receive a fresh batch of cadets as 'First Years', its third year cadets have to make a pivotal decision for their careers. We (I being a third year cadet as well) have to choose two companies we wish to be placed in from an extensive list of companies that visit our campus every year. Every previous batch had to undergo the same drill. I felt our life isn't that different from a first year's. While they have left their homes and come to a new place among unknown people, we decide on two companies that will best suit our character and ambition from limited information available on the internet and seniors. While they went and spoke to mariners, ex-students or current students about life on campus of a Marine Institute, we go talk to faculty, relatives or friends we know in the industry or our seniors about the pros and cons of every company, of their experience as an employee of a company and if it best suits us!

The Maritimes team dedicates this issue to the First years and the Third year, may each find what they are looking for!

Furthermore, this issue features a new page called "What Next?". It's a tiny glimpse of the world we, as seafarers, are about to enter. The Marine Industry is vast and I truly hope you enjoy reading about a myriad of career possibilities that we will present in each issue, until we think we have exhausted all options.

-Aniruddh Rao
Editor

The Vasant J. Sheth Memorial Foundation Lecture Series



The 14th Vasant J Sheth Memorial Lecture titled, "Voyage for cleaner energy: India" will be delivered on January 12, 2012, by Sir Robert Swan, one of the world's greatest polar explorers and environmental leaders, who walked both the North and South Poles earning him a place in history.

His 900 mile journey in 1986 to the South Pole, 'In the Footsteps of Scott', stands as the longest unassisted walk ever made on earth. The first hand experiences on global warming during his expeditions helped shape Swan's lifetime goal: working towards the preservation of Antarctica as the last great wilderness on earth.

Currently Robert Swan is on a five-year global 'Voyage for Cleaner Energy' aboard his renewable energy sailboat. He has committed decades of effort to inspire the industry, businesses and the youth to promote the use of renewable energy throughout the planet and is committed especially to India where he has been intermittently giving lectures and meeting the youth and leaders of Industry.

Swan's contribution to education and the environment has been internationally recognized as seen in his appointment as United Nations Goodwill Ambassador for Youth and a Special Envoy to the Director General of UNESCO. He was awarded the high distinction of OBE, as well as the Polar Medal by Her Majesty the Queen in 1995. Robert Swan is an exceptionally gifted communicator and has an uncanny ability to motivate those around him into action. Swan's real-life discussion of leadership, trust and working together never ceases to thrill, uplift and stimulate crowds, drawing standing ovations throughout the globe.

The Vasant J. Sheth Memorial Lecture is an annual event that has achieved a high level of distinction owing to its outstanding speakers, aimed to stimulate public awareness on various issues and generally attracts a packed house every year. The lecture will take place at 7:00PM at the Walchand Hirachand Hall, Indian Merchants' Chamber Building, IMC Marg, Churchgate, Mumbai-400 020 and is free and open to all on a first come first serve basis.



By Maxwell.E.P, Project Manager
Vasant J. Sheth Memorial Foundation.

Faculty Interview – Capt. Avate

Sumeet Jadhav

Capt. Abhijeet Avate, he is a man with spirit. He is a captain with sailing experience of almost 20 years, he is adventurous, courageous but at the same time he is very simple and easy going. In short, it can be said that Capt. Avate is a good role model for cadets of TMI.

- **Sir, tell us something about your childhood.**

I was born on 13th October, 1971 in Kolhapur, Maharashtra. As my father was in Indian Air force, I spent my childhood in various Air Force bases across the country. My schooling till 12th grade was done from the Central Schools i.e. Kendriya Vidyalaya

- **How did you get into the marine field?**

After 12th grade, I wanted to become an Aviator, I was even selected in NDA. But somehow I made a decision and I joined T S Rahman for my Pre-sea training and joined Denholm Ship Management. Had I not been in merchant navy I would have probably been in defence services.

- **How long did you sail with Denholm Ship Management?**

I sailed with D.S.M. whole of my career since 1989. In 2001, as D.S.M. got merged with Anglo-Eastern Ship Management, by default I became a part of Anglo-Eastern. I got my Chief's ticket in 1998 and got command in 2005. I sailed till January 2009 and then quit sailing.

- **Why did you take a break from sailing?**



I got into a hobby which requires a lot of time, so I took a break from sailing and for a year devoted my time to my hobby. After that I came to TMI in January 2010.

- **Sir, what is this hobby of yours that you are so passionate about?**

[Smiling] It is Paragliding. I have been doing this for many years now, during my leave and now on weekends. I have my own glider, which was delivered to me on my ship and then shipped back to India. Generally, I go to these nearby Kamshet hills these days. I have flown in Himachal, Mahabaleshwar and various places in India and also Bali, Indonesia. I also enjoy bird watching and wildlife photography, mainly bird photography. My photographs have also been published in many publications and also used for scientific studies. I was also part of Bird count and census in Maharashtra.

- **Sir, how did you decide to come to TMI?**

I wanted to work as well as devote time to my hobby so I wanted to take up a job with just 4 working days and have rest of the days for my hobbies. TMI offered me such an opportunity so I took it up. Also, because I enjoy teaching here, the atmosphere is really good, no stress and pretty easy going. Though money is not much here [laughs], but I am comfortable here.

- **What do you do as a pastime on weekdays?**

I spend time with my family. I even read books on adventure sports and mountaineering. One of my favourites being 'Into Thin Air'. I like listening to all kinds of music, from the likes of ABBA, M.J. to Dido, Beyonce'.



• **What are your plans for the future? Do you plan to join TMI on full time basis?**

I don't really know. Its quite hard to say for me. I might join TMI or even end up opening a Paragliding school.

• **Sir, any words of wisdom for the cadets of TMI?**

I will not give any motivational line, as I feel no one really follows that and likes it. But I would like to ask the cadets to make use of the library and read more books rather than being hooked to Blackberry and laptops.

I would also like to say that in this profession you should enjoy sailing till you can and the day you stop enjoying, do something else in life, money shouldn't be the major consideration in life.



Achievement!!!

Our Principal, Dr.B.K. Saxena, has been elected as the President of Institute of Marine Engineers (India) for the period 2011 - 2013. We wish him hearty congratulations on this achievement!

Case Study

This dates back to the time I had just completed my Class II exam and had reported to my company for joining a ship. I was looking forward to a promotion as a Second Engineer right away, but the manager at the Manning Department offered me a Third Engineer's post in one of his ships. When inquired about a possibility for promotion, he started harping about company policy, appraisal system etc. I left the office to complete my pre-joining formalities.

The very next day I received a call from the same Manager, he sounded very anxious and enquired whether I was done with my medicals and about the validity of my US visa. He then asked me to report to the office that very moment and informed me that I might have to fly out that very evening. Although I was mentally prepared to go back to sea, I did not expect it to be at such short notice.

When I reported to the office, the Manning Manager was more than happy to see me. I was told that I would be joining a ship as a Second Engineer, as the previous one had to sign off unexpectedly due to an emergency. I was really glad, but at the same time was quite skeptical of the circumstances under which I had just been offered a promotion out of turn.

The truth behind such generosity was revealed when I set foot on the ship a few days later. It was a 30 year old Heavy Lift ship which had lots of problems in its machinery. I then got to know that the previous Second who had completed just two months out of his six month contract refused to sail on the ship due to this very reason.

Anyway, this is how most people, including myself, sometimes get promotion out-of-turn. Life was tough onboard, but it also gave me the best learning opportunity.

The experience that I would like to share is one of the many incidents on this ship. On one of my engine room rounds I found that bilges were filling up very fast, requiring an immediate inspection for leaks. After many hours of painstaking search, a crack was found on the Auxiliary Engine Overboard valve body (Angular Globe valve: 300mm dia). As no immediate repair was possible, a cement box was erected to strengthen the valve and arrest waste leakage. A spare valve along with divers were ordered at our next port of call, Bangkok.

The job was to be carried out without stopping the cargo work, i.e. without any black out. Before arrival at the port, all the required preparations were carried out. I had performed a similar type of job as a junior Engineer which helped me anticipate any possible delays in getting the job done.

We arrived at the port early in the morning and the agent arrived with the spare valve. We checked the valve and found that it was in good condition. When the divers arrived at 9 a.m., I had a shock of my life. These were no professional divers, but two local fisherman who did not have any diving equipment, diving suit or an oxygen cylinder and neither did they have the proper plug to seal the overboard. One of the divers came on board to take the measurement of the overboard opening so that he could fabricate a wooden plug for the same. I was very apprehensive about continuing with the job and discussed this issue with the Chief Engineer and Master. However, they assured me that these were trained men and had done similar jobs in the past.

The ship had completed its discharging, so she was light. The ship's draft was 12m and the auxiliary engine overboard was at least 7m above the water line. To help the divers locate the position of the opening, a person had to continuously bang the ship side bulkhead near the overboard discharge valve with a hammer. The divers were taking turns coming up for air, and once they had located the opening, they carried the wooden plug down with them and within a few minutes emerged from the water and announced that they had plugged the opening. My team was on standby in the engine room, so when we got the signal from the divers, we started removing the valve from its place. After slacking all the four nuts of the valve, we found that the plug was holding so we removed the valve from its place. The new valve which was kept ready was positioned in place, and we were about to remove the old gasket to change it with a new one. At this time, some water started leaking from the plug. After noticing this, I advised the fitter to secure the new valve in place with at least one nut on a few threads.

It was at this moment that the plug gave way, and the water pressure threw the fitter, who was working on the new valve, at least a few meters back. A sudden shiver of panic ran down my spine. The force of the water was so high that it was splashing all over and nothing was visible. Immediately, I sent the junior engineer to the deck to let the divers know that the plug had been compromised. In the meantime, we started the emergency bilge suction to pump out the water as the water level in the bilges was rising very fast.

As the divers did not have a spare plug of that size, they placed a mat around the overboard which reduced the ingress of water into the engine room. Now we could see the overboard valve hanging on one nut. We quickly secured the valve in place and brought things under control. We managed to escape the situation with minor injuries to the fitter and a sprain in my arm which took a week to heal.

The lesson learnt from this incident is that, at anytime while carrying out a job we feel it is unsafe, it is better to abandon the job until corrective measures are in place than pursuing it under dangerous circumstances. In our case, we should have abandoned the job when we discovered that the divers were not properly equipped to handle this kind of job.

-As told to the Maritimes team by Mr. Sankar Subramanian

In The Spotlight - CAD Lab

Mridul Gupta

Computer Aided design lab (CAD lab) is among the most admirable academic facilities offered to the cadets by the TMI management. CAD lab familiarizes cadets with engineering design softwares, which held them in making their stand in the industry. It is a result of high demand for professionals who are savvy in ship design softwares, as a career in naval architecture is one of the door that is opened after a degree from TMI.

The fully functional lab, as seen today, came into existence in August 2008. The lab has 44 computers, and cadets are taught design under the Finite Element Method (FEM) through the software PTC PRO-E WILDFIRE 5.0 or Creo Parametric, which is a widely used software. TMI has spent an approximate Rs. 50 lakh towards the development of the CAD lab.

The software 'Pro-E' is taught to Marine Engineering cadets under the course name 'Marine Machinery Design (MMD)' in the third semester. Even though a majority of the portion is covered in this semester, cadets can also opt this course as an elective in their fourth year. Use of certain softwares under FEM, which help in knowing the stability and stresses acting in any created design, are also taught to select cadets in the CAD lab.

Seeing the enthusiasm among cadets, the management of TMI is keen on introducing a structural analysis software – ANSYS; which would be taught in the CAD lab.

The importance of a skilled and knowledgeable design faculty cannot be overlooked. Mr. Amol S Shinde and Mr. Md. Ayaz J Khan are in charge of the education of future mariners in this particular field.



Guest Lecture – Fuel Cells

Shivank Srivastava

On 15th September a guest lecture was held at Tolani Maritime Institute on Fuel Cells by an ex-faculty of TMI, Mr. Elstan A. Fernandez. Currently, he is working with an environmental solution company known as Bloomenergy. This company was founded by an Indian innovator and its current CEO, Mr. K R Sridhar. His vision is to light the world with his “bloom box” - a pollution free process of producing electricity without emission of any harmful gases. His first customers were Google, e-Bay, Staples and Walmart among many others. This technology is claimed to give an efficiency of 60 to 70%. The bloombox can produce an energy of 2500kw, enough to power an average Indian home for 7 years, at a cost of just \$3000.

The session was very interactive and inspired the cadets to look-into this technology, as the company has a wide scope for marine engineers. The lecture was also attended by principal Dr. Saxena, Mr. I K Basu and several faculty members of TMI. Questions asked by students and faculty were answered very well by Mr. Fernandez without revealing the company secrets. He said, “The only way to know about the intricacies of our technology is to join the company”.

Inter- House March Past Competition

Arshad Ansari

The Inter-house March Past competition was held on 12th September, 2011, marking the beginning of the sports calendar for the academic year 2011-12. The cadets showed great confidence and determination as they marched along to the tunes of the Institute Band. All houses put on a great show, right from their colorful attire to their elegant style of marching.

The March Past also included an Oath taking Ceremony, where the House Cadet Captains (HCCs), along with the Institute Cadet Captain (ICC), took an oath to abide by the rules and play with good sportsman spirit in all the upcoming games of the year.

The March Past was followed by the Mass Demonstration from each house. Mass Demonstration is an event where each house performs a short skit on any social issue of their choice.

The event was presided over by Capt. Subedar and Mrs. Subedar, Principal Dr. B. K. Saxena, Capt. R. Razdan, Mr. I. K. Basu and the faculty and staff of TMI. Awards were also distributed to the winners and first runners-up of the last academic year in sports, which were Mudaliar House and Master House respectively. Cadet Rupinder Singh of Master House received the Best Sportsman Award for the year 2010-11.

The winners for the Inter-house March Past competition were Cassim House for displaying extraordinarily high levels of co-ordination in March Past and a very innovative Mass Demonstration. The overall house positions were as follows:

- 1st place – Cassim House
- 2nd place – Mudaliar House
- 3rd place – Morarjee House
- 4th place – Master House



BITS Open Sports Meet, BOSM – 2011

Ankur Singh

16 cadets representing TMI, accompanied by Mr. Piyush Bhatnagar, participated in the 26th BITS Open Sports Meet, BOSM. The event was held between 15th and 18th September in BITS Pilani, Rajasthan. About 60 colleges from all over India and one from Sri Lanka participated in the event. The first two days of the event received unprecedented rainfall resulting in the cancellation of all outdoor sports events, with only swimming and indoor sports being held.

Continuing their excellent run from last year, the TMI swimming team gave a truly inspired performance, winning medals in all the events they took part in. C. M. Saiprasad won 4 gold and 2 silver, Soham Shaligram secured 3 golds 1 silver and 1 bronze, Maninder Singh Bhumra got 2 golds 1 silver and 1 bronze while Raghvendra Singh bagged 2 golds and 1 bronze in the swimming competition.



Notwithstanding the unsuccessful attempt of the weather to dampen the spirits of the sportspersons, the athletics and other outdoor events were held on day 3. Swapnil Kavtekar won 1 gold and 1 silver in athletics while Rupinder Singh won 1 gold in shotput and 1 silver in javelin throw.

The award for best athlete of 26th BOSM was jointly given to Swapnil Kavtekar and Rupinder Singh.

Inter- House Football Tournament

Shivank Srivastava

Tolani Maritime Institute conducted its most awaited sport event, football tournament, from 12th September to 21st September. The kickoff game was witnessed by chief guest Capt. Subedar, Mrs. Subedar, Principal Dr. B. K. Saxena, Provost Captain Razdan and a few faculty members. The field was thronged with football fans as they cheered for their respective houses.

The opening match was held between Master and Morarjee. Over the next one week a flurry of matches were held between the four houses. With every match, it seemed that the players became better, taking the game to the next level. The spirit of winning amongst players and the excitement amongst the crowd sustained at a high level for the duration of the tournament.

The winners were Master house followed by runners up Morarjee house in pool A and in pool B the Morarjee house took the lead from Master house. The tournament was professionally organized and was well appreciated by the chief guest.



Visits

- 06/7/2011 Capt. K. N. Deboo , Anglo-Eastern Maritime Training Centre
- 20/6/2011 Mr. Tony McCormack, HSET Manager, Oil and Gas Div., OCS Services (I) Pvt. Ltd.
- 20/6/2011 Mr. Nnamdi E. Nwobu, MD, Intralog Engg. Ltd., Nigeria
- 20/6/2011 Mr. Uche Akagha, Business Dvpt. Manager, Intralog Engg. Ltd., Nigeria
- 16/7/2011 Mr. M. G. Iyer, CEO, TORM Shipping
- 21/7/2011 Vice Admiral Anurag G Thapliyal, Commandant, Indian Naval Academy, Ezhimala, Kerala
- 21/7/2011 Cdr. D. K. Shrivastava, COO, Arya Offshore Services Pvt. Ltd.
- 25/7/2011 Andrew Kirkham, Newcastle, UK
- 10/8/2011 D. D. Kootungal, Glencore, London, UK
- 15/8/2011 Capt. S. K. Shukla, Dy. Nautical Advisor to Gao
- 18/8/2011 Capt. Punia, Capt. Bhathena and Mr. Yati, Scorpio Marine Management
- 20/8/2011 K. Mohandas Secretary-Shipping, Govt. of India
- 20/8/2011 Prof. Gurunarayanan, Dean, WILPD, BITS Pilani
- 20/8/2011 Dr. S. B. Agnihotri, D. G. Shipping
- 09/9/2011 Capt. VN Aindley, Master, Company of Master Mariners of India
- 12/9/2011 Capt. S. Subedar, Member of TMI Academic Council
- 14/9/2011 Abhishek Dudhmande, Staff Engineer, Bloom Energy
- 14/9/2011 Elstan A Fernandes, AGM Technology Support, Bloom Energy

Always a great pleasure, coming to TMI. Each time I see new developments taking place. I salute to the vision of TMI Management and its excellent faculty. All the very best and congratulations on a great setup.

-Capt. KN Deboo

A dream visit to TMI, much awaited!!! The past two days have been most enriching in learning the wholesomeness of TMI, a faculty par excellence, and meeting with old friends and colleagues.

-V. Adm. Anurag G Thapliyal

Haven't seen an institution like this so far- campus, training, faculty and standards of cadets being inducted are all excellent. Enjoyed the visit.

-Capt. VN Aindley

Epaulette Ceremony

Arshad Ansari

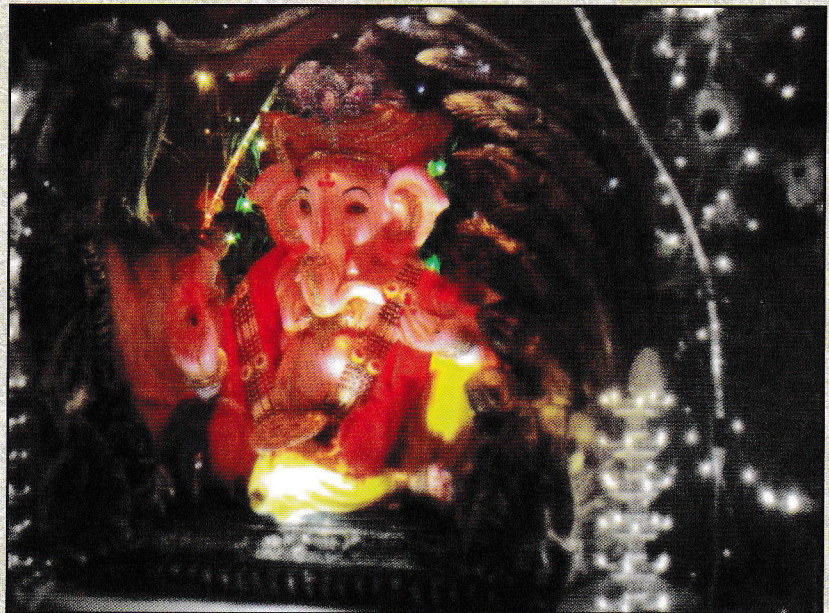
One of the most important events in the TMI calendar is the EPAULETTE CEREMONY. It is the first step that any aspiring mariner takes to be inducted into the marine fraternity, and the 2011 batch was no different. The ceremony was conducted on 9th September, 2011. The cadets looked smart in their crisp uniforms and were ready to become a part of the institute officially. The chief guest was Capt. V. N. Aindley. The proceedings started with the TMI pledge during which the cadets swore to uphold the honour of Tolani Maritime Institute. The unveiling of the epaulettes was followed by a march past. As the ceremony drew to a close, the chief guest gave a motivational speech and wished the newly inducted cadets the very best of luck.



Ganesh Chaturthi

Sankash Sood

The rains cannot stop them; the floods cannot hold their spirit, they have forgotten all barriers of cast and creed to rejoice in the celebrations of their loved Ganpati! These eleven days of unmatched joy gives a new life to cities which have been earlier drenched by excessive rains. If we were to define the festival, it has the colours of Holi, the lights of Diwali and celebrations like that of New Year's Eve! The first ten days are spent singing, chanting and cooking delicious *modaks*. On the eleventh day, the idol of Ganpati (sizing from 3/4 of an inch to over 25 feet) is carried by hundreds of followers to a water body nearby, and the idol is immersed in it, representing the circle of life. In olden times, an idol was made out of natural clay (*matti*) and after ten days returned back into the earth completing the cycle.



Even in the TMI campus, an idol was setup and decorated with lights, flowers and candles. Devotees gathered near the idol, every evening for 10 days. Faculty as well as cadets were equally present while the stage was being set up by the college administration. Finally, on the eleventh day, the idol was taken away with drums and dancing. Use of natural clay as well as colours in place of synthetics should be restored as they mean no harm to the marine life.

Durga Puja

-As told to the Maritimes team by Budhaditya Bose

The Sarvajanic Durga Puja of Nana Bhalerao Colony, Talegaon, conducted its 4th year of festivities with great pomp and show. It was organized by Mrs. Ila Thakkar, President of the Puja Committee, and Mrs. Indrani Das, Auditor of the Committee.

The festivities started on Maha Sashti (2nd Oct, 2011) and continued for the next five days, till Dusshera (6th Oct, 2011).

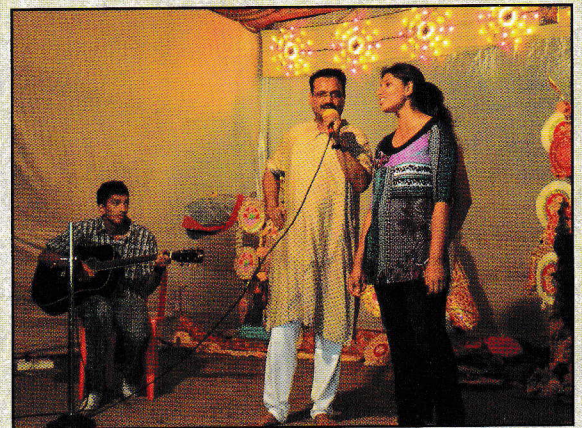
The Puja, though initially started by the residents of Talegaon, is now largely managed and funded by the faculty members of TMI and their family members.



The five days saw a huge turnout of TMI cadets, irrespective of their caste and culture, to participate in the festival. The average daily footfall at the puja pandal was estimated to be 250 persons.

The daily routine consisted of Arati of Goddess Durga in the morning, afternoon and evening, followed by various cultural programmes in the evening. The entertainment consisted of dance performances, skits, singing performance and many other fun games. The entertainment department was handled by Mr. Naresh Mishra, faculty TMI, and

Cdt. Romit Sengupta. The main performers among family members of TMI faculty were Eshika Kanungo, Shubhda Kumar and Sejal Kumar. Cadets who performed were Anjan Roy, Arindam Mukherjee, Srived Dutta, Emon Chowdhury, Kaustubh Mukherjee, Jannat Bhuller, Aditi Khilnani, Arushi and many others from all the 4 years of the institute.





No one went hungry during these five days. Bhog prasad was provided on all five days in the form of lunch and dinner. The Bhog distribution was coordinated by Cdr. Sukanta Dasgupta, faculty TMI, along with cadets Budhaditya Bose, Arindam Das, Sushmit Dhar, Krishnendu Rakshit and many others. Contributions by Ms. Isheeka Dasgupta and Mr. Ishan Dasgupta were also appreciated.

The faculty members and their families were not far behind in volunteering their services to make the festival a success. Mr. I. K. Basu, Mr. Sanjeet Kanungo, Mr. Sunil Panda, Mr. Shailendra Kumar and almost all faculty of TMI were present at the pandal everyday to share the joy of the festival.

The Puja committee were also immensely helped by Mrs. Basu, Mrs. Kanungo, Mrs. Dasgupta, Mrs. Mishra, Mrs. Kumar and Mrs. Panda in every place that needed an extra

hand, be it making puris or serving plates and glasses.

The 5 days of celebrations came to an end in a grand manner. The cadets, faculty and their family members walked and danced to the tunes of various Djs as they escorted Goddess Durga to the Indrani river for her immersion.

It was a magnificent Durga Puja celebration, and the community hopes for a grander celebration in the coming years with the same level of participation and enthusiasm from everyone.



Janmashtami Celebrations

-As told to the Maritimes team by Himanshu Chaurasia

On 21st August, 2011 the members of The Centre for Human Resource and Development Club (CHRD Club), TMI, celebrated Navratri in their own unique style. The preparations for this celebration had begun well in advance and were executed very well. Inhabitants of Induri, a nearby village, were also invited to be a part of this celebration.

A skit depicting the greatness and benevolence of Lord Krishna was presented by the club members. The club members had also prepared a variety of dishes that were served to all. The CHRD club received a lot of support from the faculty of TMI. The Janmashtami Celebration was inspired by Mr. Sanjeet Kanungo (senior faculty at TMI).



Faculty Advisors: Mrs. Vandana Shinde Mrs. Swati Bhise Mrs. Puja Awachat Mrs. Shilpa Suresh Mr. Jacob Wallace



What 10 years after this? What after sailing? These are questions which all of us will have to ponder over. The fore sighted will do so now while others may save it for later. Things are not like they were earlier. People can't sail forever. Life on sea is not a piece of cake and everyone wants to settle for an easy living. And then what?

One way to prepare yourself for the inevitable change would be to acquire a suitable higher qualification in the marine field where your sailing experience is always going to be relevant.

Listed below are details of a few Universities which offer such opportunities.

- University of Michigan, School of Naval Architecture and Marine Engineering: 2 Year master degree courses in Marine Mechanics and Marine Systems Design. (U.S)
- Newcastle School of Marine Science and Technology: 1 Year Msc courses in Offshore, Subsea and Marine Engineering, Naval Architecture, Marine Electric Power Technology, Marine Transport Management, etc.(U.K)
- University of Southampton: 1 year Msc in Marine Engineering, Naval Architecture, Ship Science, Marine CFD, etc.(U.K)
- University College London: 1 Year MSc in Marine Engineering (mechanical or electrical), Naval Architecture, etc.(U.K)
- Delft University of Technology: 2 Year MSc in Marine Technology, options for Ship Design, Ship Production, Shipping Management, Marine Engineering, etc.(Holland)
- Chalmers University of Technology: 2 year MSc in Naval Architecture or Ocean Engineering.
- University of Strathclyde(Glasgow,U.K), TMI conducts an MSc course in Marine Engineering. The first semester begins in late August at TMI, and ends in late December, while the second and final semester runs from mid-January to late July, at the Department of Naval Architecture and Marine Engineering in Glasgow. The Lloyds Register Educational Trust (LRET) offers five scholarships every year to deserving students, amounting to UKP 10,000 each. This covers as much as two-thirds of the total, leaving the student to find the remaining, comparatively small amount.

The team...

Aniruddh Rao
Divya Raj
Jannat Bhuller
Nitish Kr. Singh
Sumeet S. Jadhav
Ankur Singh
Rohan Fernandes
Kashish Anand
Sankash Sood
Anubhav Dixit
Alakshendra Joshi
Arshad Ansari
Rahul Singh Mehta
Shivank Srivastava
Mridul Gupta

