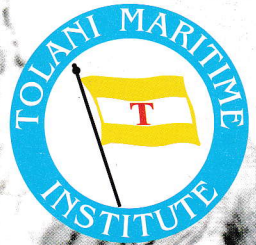


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July '11
aritimes

A Campus News Server



Dedicated to our wildlife

Horizon '11

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Rendezvous

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TMI'S CULTURAL
FESTIVAL

WITH MR. -
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Case Study

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BY-
Cdr. C.J. BAPTISTA

Sports

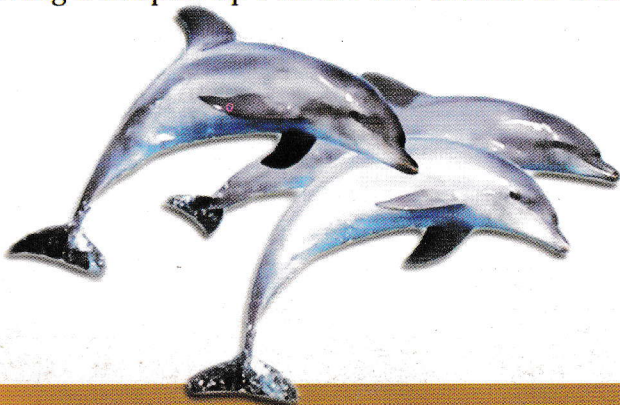
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THE SPORTS
CHRONICLE



From The Editor ...

This issue of Maritimes is dedicated to the conservation of a rich and diverse wildlife found on Earth. In India, the forerunner of all wildlife conservation activities was, 'Project Tiger', launched by the Government of India in 1973. In recent times, wildlife conservation has taken on a new turn. 'Save Tiger', an initiative from Aircel saw a privately owned corporation take an effort to include itself and the masses in a worthwhile cause. They championed the cause of a fast dwindling population of tigers (only 1,411 at that time), gathered enormous public goodwill and support in the process, and with plenty of support from the media were successful in bringing a lackadaisical government out of its stupor. Since then the population of tigers has risen to 1,706 (according to a 2011 tiger census). Education (not just literacy) and social responsibility are the greatest weapons we have against the threat to wildlife extinction. Education against false beliefs, illegal activities, and common misconceptions about animals, in addition to proper land stewardship will ensure that we leave an unblemished and bountiful Earth for future generations to enjoy. For example, the Bishnois of Rajasthan are the best examples of people living and practicing the "way of conservation". Compare the Bishnois (education about ecological balance) as opposed to an Engineer-MBA combo (literacy) drawing an obscene 7-digit salary, sporting a WWF T-shirt or taking part in "Save the Environment" marathons and driving a souped up Ferrari two blocks to work.



In addition to highlighting various happenings at TMI over the last 3 months, pages 10 and 11 contain facts and figures about wildlife conservation world-over. The design of the pages are such, that the tree trunks that form the border of each page, also contains in it a slogan promoting wildlife preservation. We sincerely hope you enjoy reading this issue.

-Aniruddh Rao
Editor

PRACTICAL MARINE ENGINEERING---LESSON 101

Cdr. C. J. Baptista, I.N. (Retd)

At an early stage in my career, I was appointed Chief Engineer of a “Kamorta”-class ship, based at Vishakhapatnam. The Indian Navy had recently broken away from its “British” roots, and these Russian-built ships were the first with gas turbines, packing no less than 36,000 HP into an 80-metre hull, displacing only 1100 tons. After having served in three steam ships, all built during the Second World War, this was the height of high-tech, to me at least.

I was also rather proud to be the youngest Chief Engineer of such a “hot” ship, and in my youthful innocence and arrogance, I thought it must be because I had proved myself exceptionally able. (Years later, I realised that in fact, it was because no one senior to me wanted to be posted to Vishakhapatnam, and I was junior enough to do as I was told, without thinking or protesting). However, I was at least shrewd enough to realise that I was now fully answerable, with no one to shield me from the consequences of ignorance or inexperience.

A major overhaul of the main diesel was in progress when I joined, involving all the usual work on the reciprocating parts, fuel pumps and injectors, bearings, turbocharger and so on. In addition, all the engine-driven auxiliaries were removed for inspection, including the lubricating oil pumps. A word of explanation will be useful here. Because of the small size and shallow draft of most warships together with the need for high power, the propeller shaft is usually raked, and to minimise this angle, the engine must be located as low as possible. This means a shallow sump with the attendant danger of the pump losing suction when the ship rolls or pitches, something which happens much of the time on such small ships.

To avoid disaster, therefore, a dry-sump system is almost always used, with a scavenge pump which takes the oil draining into the sump, and sends it to a circulating tank, via the cooler. This tank is located at a level such that a positive suction is always available to the pressure pump, which is thus able to provide an uninterrupted flow of oil to the bearings. Hence the periodic loss of suction by the scavenge pump does not affect the life of the engine. Another typical warship need is for the main engines to be capable of running normally even in a blackout. Both pumps, scavenge and pressure, therefore, are usually combined into a single unit, driven off the forward end of the crankshaft, and located as low as possible to ease the task of the scavenge section.

On this occasion, internal inspection of the pump unit showed it to be in perfect condition, all clearances well within limits, no damage, wear or pitting of the gear teeth. The seals were renewed as a matter of course, and the pump unit was reinstalled on the engine, underneath the lower platform. All four pipe connections were fitted back, two each for the scavenge and pressure pumps, and oil from the circulating tank was admitted into the pressure pump, with the air vents open, as is usual. Harbour trials, after other work was complete, showed satisfactory oil pressure to all the bearings, and sea trials were conducted after various minor defects had been dealt with.

It was only near full power that there was cause for alarm, when the engine oil pressure became unsteady, flickering occasionally from its usual value of 4.5 bars, down to 3 bars. The symptoms were typical of air entering along with the oil, so the usual tests to check the tightness of all suction line

connections were carried out. There was no improvement, so the worried ship's staff (me) and the Dockyard staff met to discuss the matter. As so often happens, when the cause is not immediately and clearly established, wilder and wilder theories were proposed. One such was that it was caused by the rolling, then about 15 degrees either side. When this and others equally improbable were disposed off, their final position was to brush the defect aside as of no matter, since the lowest pressure was still well above the minimum allowed. Equally mystified, I could only insist that the gravity of the situation demanded that the pump be removed and bench tested to dispel all doubts. No agreement could be reached, so it was decided to return to harbor and seek the decision of the higher authorities.

The short return passage still necessitated running on the same diesel, this being the ship's "cruise" engine. (Gas turbines were only used for speeds above 16 knots, since in these ships, they could not go astern). With the burden of my responsibility heavy on my shoulders, I remained in the engine room, alert for any sign of a complete failure of oil pressure. In an aimless sort of way, I wandered around the engine, listening, observing and touching all the obvious points that are routinely noted, hoping for inspiration.

None came, so I busied myself with closer inspection, which at some point found me on hands and knees below the platform, in the vicinity of the lub oil pump. For no particular reason, I put a hand on it, feeling around behind the pipes that obscured most of the view. My fingers touched the bolts holding the assembly to the engine frame, and again for no reason I went around them one by one, when all of a sudden a powerful suction pulled my thumb into a circular hole. By sheer luck (?), I had found the problem. It turned out to be a missing dowel pin: the reamed hole, by chance, had connected with a tiny blow-hole in the casting, thus linking the pump suction to the outside atmosphere. A suitable wooden plug took the place of the missing tapered dowel, proving conclusively that this was indeed the trouble, and the rest of the story needs no telling.

The moral? However sophisticated the equipment, however intricate or obscure the problem, the root cause is almost always so minor that it is easily overlooked. Luck is likely to be on your side if you are patient, persistent and painstakingly methodical.

Visits

| | |
|------------------|---|
| 28/4/2011 | Mr. N. B. Raghu and Mr. Rajeev Pratap, Goodwood Shipping |
| 23/5/2011 | Capt. Sukalika, Sr. Superintendent, Wilhelmsen Shipping - "A great establishment, with a passion for training & excellence. Keep it up!" |
| 23/5/2011 | Capt. R. Prakash, CTO, Wilhelmsen Shipping |
| 26/5/2011 | Capt. Khambatta, TORM |
| 30/5/2011 | Capt. Firdaus Bhatena, Scorpio Marine Mgmt. (I). Ltd. |
| 31/5/2011 | Mr. Ajay Wagle, GM - Global Cadet Admin., Maersk Lines "An excellent set up, and wish Tolani all the very best!" |
| 31/5/2011 | Capt. Ashwani Malhotra, GM - Center Head, Crewing division, Maersk Lines |
| 31/5/2011 and | Mr. Jonathan Tan, HR Officer & Mr. Ivan Lim, AGM (Operations), Nakilat Keppel Offshore Marine, Qatar |



Faculty Interview

Sumeet S. Jadhav

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

I was born on 24th April, 1973, in a small village near Erode in Tamil Nadu (West Tamil Nadu). I was born and brought up there. I did my schooling from a government school near Erode itself.

• **What did you do after completing your 10+2?**

I did B.E. in 4yr-Automobile Engineering from The Institute of Road and Transportation Technology in Erode itself. I completed my graduation in the year 1993.

• **Did you work for any company after that?**

No. As my father was a teacher, I always wanted to be one as well. I feel I always had that passion for teaching. So I took up teaching after my graduation and I am still doing it happily.

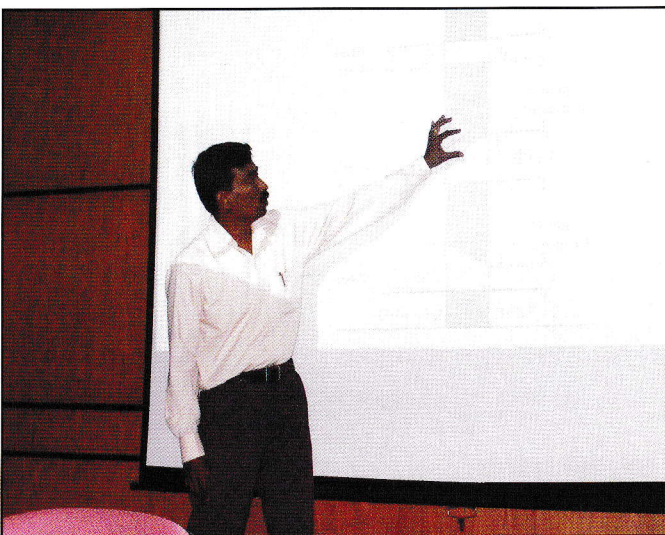
• **From where did you start your teaching career and where all did you teach?**

I started as an Associate Lecturer in Muthayammal Polytechnic, Rasipuram, and worked from 1994 to 1996. Then I was a Lecturer in ATA Polytechnic in Thirukalukundram from 1996 to 2000. In 2001, I joined Pallavan College of Engineering, Kanchipuram as a Lecturer and was a part of it till 2002. Then I took a break from full time teaching and joined The Karunya Institute of Technology and Sciences, Coimbatore, for my P.G. course in 2yr - M.E. Thermal Engineering in the year 2002. During this period I worked as a teaching assistant as well. After that I joined TMI in the year 2004 and since then I am here.

• **Which subjects do you teach in TMI?**

I take "ICE" and "Fluid Mechanics" for the 2nd year students. "Refrigeration and Air Conditioning" for the 3rd year students and "Power Plant Engineering" for the 4th year students.

• **Are you involved in any projects or research work currently?**



I feel teaching is more about research work, i.e. I would like to contribute to the maximum extent as a researcher to this field. I have been working on my PhD Thesis, "Studies on Performance Enhancement of Latent Heat Thermal Storage Systems for Solar Thermal Applications." I have published six papers in International Journals and many in national journals. I have also been part of many national and few international conferences in India and China.

• **Apart from teaching, what are your hobbies?**

I am very much into sports. I play badminton regularly and also like to play cricket sometimes. I enjoy watching cricket the most. Also, I am a big comedy movie buff. I enjoy listening to old classic music. Especially, tamil songs by legendary Ilaya Raja.



Mr. Jegadheeswaran

• **Sir, finally a message for all the students !**

Whatever you get involved in, be sincere and committed about it. Knowledge is necessary. But sincerity and commitment are more important than capability. That will help fulfil any task you undertake.

Ph.D Awarded to Prof. D. D. Mundhra

Ankur Singh
The month of September, 2010 proved to be very special for TMI as it witnessed the addition of yet another Doctorate title to one of its faculty members. Dr. D. D. Mundhra completed his Ph.D. after putting in more than four years of hardwork into his research. His subject of research was, 'A Comparative study of Human Resource Motivators in Select Manufacturing and Service Industries in India'.

The degree was granted by the prestigious Symbiosis International University, Pune, which had appointed Dr. S. G. Dixit as the guide to Dr. Mundhra. While being associated with TMI as a faculty member, Dr. Dixit has mentored and guided four faculty members in their research towards the Ph.D.

On being asked to reflect upon his thesis, Dr. Mundhra gave some interesting deductions of his research. Some of them are:

1. The motivation level in the best companies from manufacturing as well as service sector is quite comparable.
2. In the present scenario, job security does not have much say towards motivation of the employees.
3. Intrinsic motivators have larger impact on the overall motivation of the employees.

As this is Dr. Mundhra's 5th degree in all, it clearly reflects his love for knowledge. On being asked the reason for pursuing the course, he said that it was basically for self- satisfaction and for the fulfilment of his educational needs.

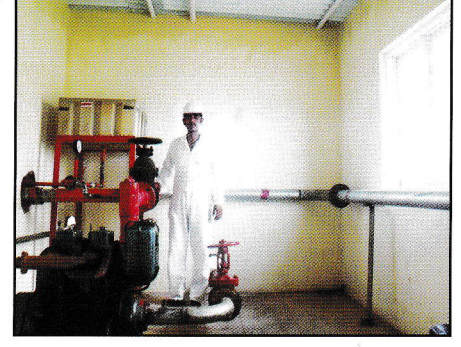


In the spotlight-The Fire Pump room

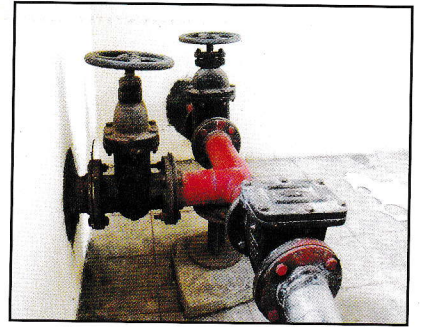
Alakshendra Joshi

Whenever and wherever there has been any possibility of improvement or up-gradation of its training facility, TMI has endeavoured to leave no stone unturned. This time it was the Fire Pump Room at the Ship-in-campus. It was renovated to give it the impression of being on a real ship.

The earlier version, which had an electrically driven pump with pipes criss-crossing the room got too congested when demonstrations were given to cadets. The new facility has two rooms, indicating two separate compartment spaces on-board a ship, one with an electrically driven pump and the other with a 12 bhp, double cylinder diesel engine driven pump assumed to be the emergency fire pump outside the machinery spaces.



There is a low-capacity tank that is used for Priming purposes. Priming is used only in shore based applications, since the pipe line on a ship does not contain any air that could affect the working of the pump. The new pump room provides easy visualisation to cadets as all parts are perfectly accessible and in compliance with real ship-like structure.



T S Chanakya - XPRESSIONS

Ankur Singh

On 20th April, 2011, a contingent from TMI comprising primarily of swimmers, accompanied by Mr. S. G. Bhilare, participated in 'XPRESSIONS', the annual cultural festival of T S Chanakya, and won laurels in all the events they took part in. Continuing with its excellent results in the past, the swimming team clearly stood out by virtue of their excellent performance. The best swimmers were Cdt. Soham Shaligram and Cdt. C. M. Saiprasad, winning 3 golds each. Cdt. Maninder Singh Bhumra won 1 gold and 1 silver; Cdt. Kashyap Benni secured a gold & Cdt. Yash Bhat won 2 silver medals.



TMI cadets steal the show at AMET

Nitish Kr. Singh

Two cadets from TMI, Cdt. Nishant Kumar and Cdt. Suhas Kassa, hoisted the flag of the institute high by winning the paper presentation session at AMET, Chennai, for their paper titled - "Ballast Water Management". It was the second two-day long national symposium for marine engineers held at AMET on 7th and 8th of April, 2011. The topic for this year's session was - "Marine Traffic 2011". At the same event, Cdt. Nishant Kumar also won a prize in the Essay Writing competition. The topic of his essay was, "Safety Culture in Today's Shipping".



Inter-House Athletics Championship

Kashish Anand

The dusk of 11th April, 2011, saw the dawn of the Inter-House Athletics Championships TMI, 2011. Yet another much awaited sports competition spread over a total of five morning and evening sessions on the 11th, 12th & 13th of April.

For the very first time in these competitions, the event of High Jump was introduced and as expected of TMIans, it received highly enthusiastic and competitive participation, just as all the other seasoned events. With this the total count of track and field events contested in the Boys and Girls category rung upto 21.

As it has always been the case with the track and field events, they've generated as much curiosity and adrenalin rush among the spectators, as they have among the participants actually competing in these events; the same was evident this time around as well. The events were negotiated with a healthy competitive spirit as no foul measures were witnessed throughout the events. The spectators, being in their element throughout the competition, showed full support for their favorites with heavy shouting and hooting. On a few occasions the cheering became so frantically effective, that the players being cheered, even if on the verge of defeat, magically fought their way back into the event. A couple of such spirited athletes even came through as victors.

Among the umpteen number of individual participations who brought laurels for their respective houses and thus proved to be noteworthy were the two who stood apart from all the rest and won the Award for the Best Athlete in Male and Female categories.

Swapnil Kavathekar, 3rd Year BSME, Mudaliar House, got the Best Athlete Award in the male category for his winning participation in 100m, 200m, long jump, triple jump, 4x100m relay and decreasing relay events. He thus deservedly received the TMI Blue.

Among the girls, Deepali Kulkarni, 4th Year BSME, Morarjee House, won the Award for the Best Athlete in the female category for her efforts in the 70m, 200m, discus throw and 3x200m relay events.

These events are of great importance when it comes to the House Cup as they dole out big points to the winning houses, and, the overall winner stands in good stead at the end of these competitions. The



occasion was made important, by the august presence of our honorable Principal, Prof. Dr. B. K. Saxena, as the Chief Guest.

The competition concluded successfully without any hiccups; which couldn't have been possible without the dedicated efforts of the sports coordination team- Alex Martin, Laxman Singh, Rahul Chauhan, Piyush Bhatnagar. The final house standings were as follows-

1) Master 2) Morarjee 3) Mudaliar 4) Cassim



If they could choose, they would choose to live.



OPEN SAILING REGATTA COMPETITION

Mridul Gupta

Tightening their lines and halyards, the sailors had their boats rigged and ready to set sail and win the Cup. The Open Sailing Regatta Competition was organized at the TMI Lake from 5th April, 2011 to 9th April, 2011. It saw participation from 22 student teams and 2 faculty teams. This mega event was declared open by Capt. A. K. Das of Mitsui OSK Lines on 5th April 2011. What followed were two days of enthralling and exciting races with close encounters and strong winds.

The event culminated with the distribution of certificates and memento to all participants by Capt. Raj Razdan and Dr. B. K. Saxena.

The overall results were as follows:

FACULTY COMPETITION

1st place - Mr. Kailas Mehendale and Mr. Praveen Kamble

2nd place - Cdr. Christopher Baptista and Cdr. P. Krishnankutty

CADET COMPETITION

1st place - Cdt. Viraf Heerjee, Cdt. Sagar Mehta and Cdt. Amit Kumar

2nd place - Cdt. Sarthak Shetty, Cdt. Aradhya Wardhan and Cdt. Vikram Gole

The overall Regatta Championship was won by the team of Cdt. Viraf Heerjee, Cdt. Sagar Mehta and Cdt. Amit Kumar.



INTERHOUSE SWIMMING CHAMPIONSHIP

Sankash Sood

The Interhouse swimming championship commenced on 15th March, 2011. The two day long entirely enjoyable event was made successful by healthy participation from some of the best swimmers of TMI. All the individual races were held on the first day of the event, and the second day saw swimmers competing mainly for the relay events. Many new records were set and older ones broken during the course of the competition.

Capt. R. Razdan, Provost, distributed prizes to all winners at the close of the second day.

Overall house standings were—

1st - MUDALIAR HOUSE

2nd - MORARJEE HOUSE

3rd - MASTER HOUSE

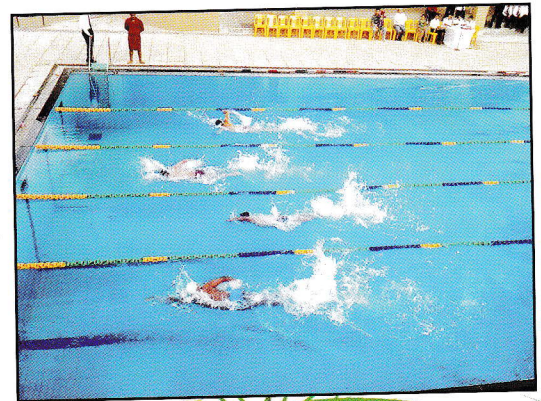
4th - CASSIM HOUSE

Special Awards (The TMI BLUE)–

1. Cdt. C. M. Sai Prasad

2. Cdt. Maninder Singh

3. Cdt. Soham Shaligram



INTER HOUSE SQUASH TOURNAMENT

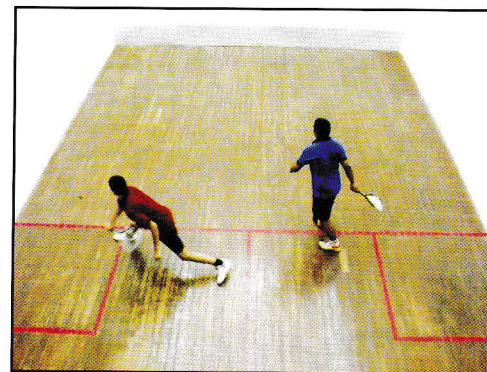
Arshad Ansari

One of the most eagerly anticipated events, the inter house squash tournament was held from 2nd May, 2011 to 9th May 2011. The competition was held in a league cum knockout format. The tournament started with Morarjee house facing Master house in a closely contested match where both teams pitted their best seven players against each other. Morarjee house was able to edge past Master house. The match between Cassim house and Mudaliar house was a one sided affair in which Cassim house was completely routed. The final match was between Mudaliar house and Morarjee house. After some close matches the Squash Championship was deservingly lifted by Mudaliar house.

HOUSE STANDINGS:

1. Mudaliar
2. Morarjee
3. Master
4. Cassim

BEST PLAYER (MALE) – Devashish Pant



ASTRO CLUB NEWS

Ankur Singh

The TMI Astro club organized a star-gazing session on 10th May, 2011. The session began at 1930 hrs. and was conducted by Capt. V. B. Sathaye, the faculty in-charge of Astro-Club. About 80 cadets attended the session.

Despite having a cloudy evening sky in the west, a number of celestial bodies such as Polaris, Ursa Major, Orion, Gateway of Heaven, Leo, Gemini & various other celestial bodies could be sighted. Demonstration of the usage of sextant for finding altitude was given. To this effect, an attempt was made to find the altitude of Star Sirius. This session was concluded by a lecture given by Capt. K. M. Iyer.

Another session was held at 0345 hrs. the following morning. Various rising & setting bodies of the Milky Way galaxy were sighted in the pitch black sky. The morning session was concluded with the sighting of Jupiter, Venus, Mercury and Mars simultaneously in the Eastern sky.

Astro Fact:

A total lunar eclipse took place on 15th June 2011. It was the first of two such eclipses in 2011 and the longest in 2 decades. Such a long eclipse will next be witnessed in 2041. The 2nd eclipse this year will occur on 10th December.

This was a relatively rare central lunar eclipse in which the centre point of the earth's shadow passes across the moon. The next central total lunar eclipse will be on 27th July 2018.

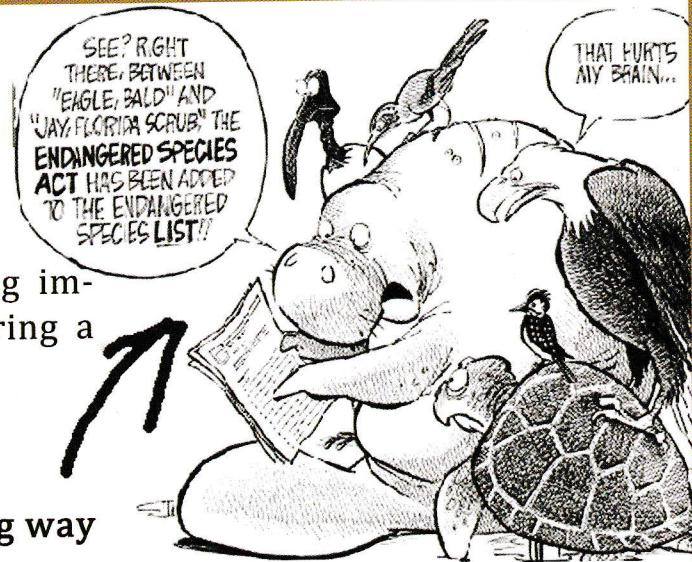


Mudaliar house faces Master house in a closely contested match where both teams pitted their best seven players against each other. Morarjee house was able to edge past Master house. The match between Cassim house and Mudaliar house was a one sided affair in which Cassim house was completely routed. The final match was between Mudaliar house and Morarjee house. After some close matches the Squash Championship was deservingly lifted by Mudaliar house.



Offbeat

"I believe that all wisdom consists in caring immensely for a few right things, and not caring a straw about the rest." --John Buchan



A few tips on how your actions can go a long way in saving the wild animals :-

1. Do not buy bones, skulls, teeth, trophies or feathers of wild animals. To obtain these product, animals have to be killed and you are encouraging the wildlife trade.
2. Do not fish near the shore, especially in the mangroves. The mangroves are critical breeding grounds for most fishes and prawns.
3. Do learn about ways to conserve our animals. Subscribe to a wildlife magazine and watch nature programmes on TV.
4. Make education your objective when you next visit a wildlife centre.
5. You can contribute to wildlife conservation. Donate to a nature society or club. The contributions are often tax deductible. GIVE to SAVE!!!!




6. Be a volunteer for a nature society or club. Your efforts are valuable.
7. Encourage your school, club and friends to have talks and debates on the values of wildlife conservation.
8. Do take photographs of our wonderful wildlife. Show them to your friends.


"The foxes in this area seem to have adapted well to urban life"





The United Nations has declared 2011 as the "International Year of Forests."


We bring to you few facts and figures about wildlife and conservation activities that have created headlines worldover:


 In 1990, when Namibia became a sovereign after 22 years of civil war with South Africa, it became one of the first countries in the world to write protection of the environment and wildlife into its constitution. It is said that having fought for the land beneath their feet, the Namibians felt completely responsible for it.


 A 2008 census held by the Government of India revealed that the tiger population had dropped to 1,411. Since then the government has pledged US\$153 million to further fund the project. The number of tigers in India's wild has gone up by 20%, according to the latest (2011) tiger census, which has surveyed the whole of India for the first time. The census puts the population of the big cat at 1,706.


 In 1991 alone, one-third of the Siberian tiger population was killed to meet the demand for their bones and other parts used in this practice. It is such a lucrative trade –a single tiger brings up to \$50k on the International market, even though the practice is unlawful.


 Loss of sea ice threatens the survival of the world's polar bears. Ice loss in the Arctic now equals an area the size of Alaska, Texas, and the state of Washington combined. More than three polar bears in one place can almost be called a convention—unless they're the polar bears at the edge of Hudson Bay awaiting the return of the ice.

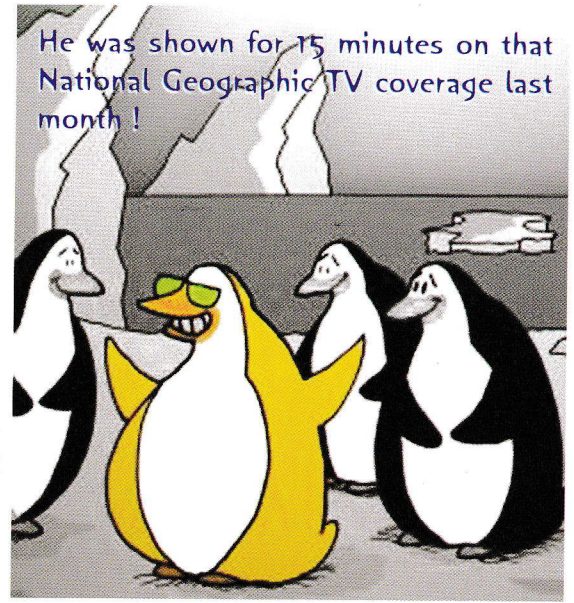
 Loads of dolphins in aquariums live in tanks that would be comparable to us living in a closet. They are subjected to sweat-shop working conditions and can't even look forward to getting a raise!

 Dolphins are farmed for their meat. Meat which is then labeled under whale meat and sold to the public. Thousands of dolphins are wrangled up in the most inhumane way and butchered in a secret cove off the coast of Taiji in Japan without mercy.

 Extensive whaling removed more than half a million great whales from the north Pacific, forcing a subtle change in the dietary habits of the marine wildlife setting off an ecological domino effect! Over 1500 whales have been hunted each year since commercial whaling was banned!! Norway continues to hunt whales even though it's unlawful. Japan has been whaling under the guise of 'scientific research', killing hundreds of whales each year and selling whale meat openly on the market. In 2005, Japan more than doubled its 'scientific whaling' quotas in the Southern Hemisphere.

 This year 322 sea turtles have been found dead in Louisiana, Mississippi, and Alabama, a surprising number when compared to the average 97 sea turtles that wash up on these state's beaches annually.

 A kilogram of elephant ivory is worth as much as US \$1000 wholesale and a rhino horn can fetch prices as high as US\$50,000 per kg. This is similar to the street price for cocaine in the UK!!!



HORIZON

All the technical minds of TMI switched gears from their usual routine of classes, muster and morning conditioning to their creative alter-egos, to help organize TMI's three day cultural festival "HORIZON'11". The fest was inaugurated on the evening of 29th April, 2011, contained a flurry of events, and culminated on the night of 1st May, 2011.

The fest was declared open by two TV serial artists who had created a niche for themselves in the Entertainment Industry: Ms. Sriti Jha and Mr. Alouk Narula. This was followed by an energetic Bhangra Dance and some melodious songs sung by the cadets of TMI. The audience were then entertained by Mr. Prabuddh Dayami, a professional singer from Mumbai, whose song vocabulary ranged from the earliest songs of Kishore Kumar to the greatest hits of 2011. The audience were then asked to move to the venue of the Street Games. Under the floodlights of the Tennis court took place Futsal (5 side football) and Box Cricket, which lasted well into the night. Mudaliar house won the Futsal event while Morarjee emerged victorious in Box Cricket.

The second day of the fest started with the same level of energy and enthusiasm that the previous day ended with. Chariots of Fire and Treasure Hunt, which took place in the morning had a team from each of the four houses that were tested on their strength, agility and endurance. The afternoon was relatively relaxing with events like tattoo making, portrait and sketching, landscape painting and dumb-charades which displayed the artistic side of TMI cadets. The evening was wholeheartedly devoted to the invention of computer games. Well known games, like Counter Strike and Age of Empires, of opposite genres and temperament, but linked by the fact that they are played and won as a team, were played much to the delight of the game-savvy computer geeks!

A well known fact, about Beethoven's music is that it ends with a bang! So was the case with Horizon'11 wherein the major, crowd-attracting events were held on the final night.

The evening started with a band performance by TMI's very own band, "Negative Frequency". The band played songs of famous artists like Pink Floyd, Californication, and The Eagles. The dramatists of each house occupied the stage thereafter, and took turns thoroughly entertaining the audience for the entire duration they were on the dias. Cassim house emerged the victors for their comedy production: an amalgamation of the epics Ramayana and Mahabharata.

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



"Struggler Boyz", a Hip-Hop dance crew from Talegaon took the stage next. Their performance formed the prelude to the Dance competition, one of the most anticipated events of the night. Mudaliar house, with their diverse collection of extremely skilled dancers won this competition.

Mudaliar House won the Champion's Trophy, which was presented to the House Cadet Captain (HCC) by Capt. Raj. Razdan.

Do send us your valuable feedback, comments and suggestions at:
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