The first big festival of the season celebrated by all Hindus of India on the tenth day after
Navratri (September or October) is Dussehra / Vijay dashmi. Dussehra is celebrated as the
day of Rama's victory over king Ravana, the
10-headed demon king of Lanka who had ab-
ducted Rama's wife, Sita. The Dussehra festi-
val celebration is unique in its perspective
and significance. Is the celebration of the Vic-
tory of Good over Evil.

On the day of Dussehra / Vijay dashmi, Ram,
killed the great demon Ravan, who had ab-
ducted Ram's wife Sita to his kingdom of
Lanka. Rama, who was a devout believer of
Durga, the Goddess of War, prayed to her for
her lov - able wife Sita. He shot Ravana with a
bow that pierced his navel. Out fl owed the
nectar of immortality that was stored in a pot
in his navel, thus destroying his invincibility.
Sita had been returned to her husband Ram
and they now make their way to Ayodhya in
triumph and glory. Thus, it is on the Diwali
day that Lord Ram, the incarnation of Lord
Vishnu in the Treta Yug, returned to his capi-
tal Ayodhya after the exile of fourteen Years.

Another legend that is linked to Dussehra is
that of the Goddess Durga slaying the buffalo-
demon, Mahishasura. According to popular
mythology, the gods were compelled to grant
Mahishasura indomitable powers for his un-
paralleled meditation. As expected, the om-
nipotent buffalo-demon Mahishasura raised
hell at the gates of heaven, astounding the
gods with his mammoth dominion. The infuri-
ated gods then created Durga. It is believed
that Durga was actualised by the combined
effort of all deities. Durga possesses a weapon
of each god and is said to be more powerful
than all of them put together.

President Pranab Mukherjee, Prime Min-
ister Mammoohan Singh and Congress president
Sonia Gandhi were among the dignitaries to
witness the burning of the effigy of Ravana at
the Dussehra celebrations at New Delhi.

Frenzied fans are pinning hopes on Indian
cricket legend Sachin Tendulkar when he
plays against West Indies in his final Test
match in Mumbai. The 40-year-old 'Little
Master', will bring the curtain down on a
glittering 24-year career when he plays his
200th Test match against West Indies at his
home ground Wankhede Stadium in Mumbai
and then retires.

With emotions running high in every part of
the country, Tendulkar's fans celebrated in
their own way to bid farewell to their cricket
star. Statistically the greatest batsman of all
time, Tendulkar's greatness goes far beyond
those numbers.

Despite overwhelming adulation from a coun-
try that has virtually deified him, Tendulkar
displayed the same composure at the
cr ease in accumulating 100 international cen-
turies as he has done off the field. His self-
discipline and controversy-free image have
made him a role model for India's burgeoning
youth, who are largely disillusioned with the
politicians. Children look up to him as role
models and want to be Tendulkars of the
coming decades.

Since announcing his decision to retire from
cricket the country of billion-
peo-
ple
slipped into nostalgia about its biggest sport-
ing icon who has become part of the life of
India in many ways. The people in northern
Uttar Pradesh are celebrating this day as
a festival, with candles, celebrations, music
and love. The frenzy is hardly a surprise;
given it will be the last chance to watch a
player whose place in the batting pantheon is
second only to Australian Don Bradman.
Bradman's test average of 99.94 is nearly 40
runs ahead of any of his nearest rivals to have
played at least 20 matches.

All other major run-scoring records belong to
Tendulkar, who made his debut for India
against Pakistan in Karachi in 1989 as a
curly-haired 16-year-old. He has scored the
most runs in Tests and one-day cricket and
his 51 Test centuries and 49 ODI hundreds
are also records.

Tendulkar has not been in prime form for the
last few years with his last Test century com-
ing against South Africa in January
2011. Some believe the master batsman has
played on for too long and should have re-
tired after the World Cup victory.
Valuable Words from The Desk of Director General

Top 10 Qualities of Excellence

1. **Natural Talent - Know Your Brilliance!** An uncut diamond has a wealth of unrealized possibility and brilliance. The beauty inherent in the diamond beckons us to develop its potential. Likewise, we are at our best when we develop our natural talent.

2. **Invest in Your Success:** Life rewards those who invested in their success. Let what ever it is you're striving for mean something to you! Don't stay stuck if you're not happy or making progress. Invest in your success so you're completely passionate and motivated towards realizing your dream.

3. **Integrity:** When you have integrity, your word means something. If people can't depend on your word, integrity's lacking. If your actions aren't aligned with your words, a disconnect occurs this disconnect then co-mpromises your integrity. Integrity is the quality of being complete and undivided-living.

4. **Passion:** Passion is that which deeply moves us. It's the fire from within and that which motivates us. Passion deeply stirs us and compels us into action. Passion gives us the ability to be touched, moved and inspired. Passion is at the core of excellence tap into yours and let it guide your vision!

5. **High Standards:** Excellence implies striving for quality. Standards of excellence are those that are flawless and impeccable. Do you complete work? Do you surround yourself with people who nourish your spirit and intellect? Do you address discrepancies or concerns on the spot? Good isn't enough.

6. **Creativity and Innovation:** Creativity and innovation require openness and questioning. The belief that anything's possible paves the way for creative thinking. *Outside of the box!* thinking produces innovation, and what company doesn't want to be at the forefront of innovation?

7. **Self Awareness:** Self-awareness, particularly about the supports and structures that bring out our best, is key. Lacking self-awareness is like stumbling in the dark - one randomly bumps into what one is looking for. Contrast this to knowing exactly the supports and structures that support you.

8. **Commitment:** Commitment implies a willingness and a *stick-to-it-ness.* If one is committed, one's support is uncompromising and unending. One is willing to do anything in support of the commitment.

9. **Showing Up:** It doesn't matter how we show up, what matters is THAT we show up. Day after day, step after step. Don't let temporary obstacles keep you from showing up on a day to day basis. Pace yourself like an athlete and learn to develop new habits.

10. **Contribution:** Looking back, what do you want the memories of your life to be? Excellence isn't solely about success, measured by how much money or notoriety we gain. Success is definitely not excellence if we've stomped on people en route to our goals! Excellence is about contributing our best to the world while evoking others to do the same.

T & P Cell Activities …

The month of October was dedicated to TCS with the confirmation of the visit of TCS On November 25th, In the campus, among final year students all you can hear is TCS, Aptitude class Schedules, mock interviews sessions etc. The training and placement cell along with the ADVAIT group is leaving no stones unturned, to make the students ready for TCS.

The registration of students for NAC-TECH was also completed which the college is going to host in the month of November. The NAC TECH Examination conducted by NASSCOM (National Association of Software and Service Companies), benefits the students as they can get placed in the member companies under NASSCOM which includes major companies like Dell Computer India Pvt Ltd,Google Online India Pvt Ltd, Tata Consultancy Services Ltd, Birla soft Limited and many more.

Also the college along with a NGO-All India Technical Management Council is organizing a 4 week workshop for the final year students of Mechanical and civil engineering. The month long workshop will help the students develop industrial skills. Also the organization has collaborations with many companies which will soon be visiting college campus for the recruitment drive of the enrolled students.

The companies expected to visit the campus are - U S Technologies, Motherson, Numan, Ashok Leyland, Modi Electronics etc.

Lets hope a bright future for all MITians. All the best from Team Reflection.

Storms make oaks take roots. That is quite different from being rash.
Scientists, including one of India-origin, claim to have developed a new ‘inkblot’ password system that could provide near-unbreakable layer of security against online password thefts.

The new password system called GOTCHA developed at the Carnegie Mellon University could secure high-value information such as bank accounts even if the password leaks as part of a large-scale site breach.

To create a GOTCHA, a user chooses a password and a computer then generates several random, multi-coloured inkblots. The user describes each inkblot with a text phrase. These phrases are then stored in a random order along with the password.

When the user returns to the site and signs in with the password, the inkblots are displayed again along with the list of descriptive phrases; the user then matches each phrase with the appropriate inkblot.

"These are puzzles that are easy for a human to solve, but hard for a computer to solve, even if it has the random bits used to generate the puzzle," said Jeremiah Blocki, who worked on the system along with professor Manuel Blum, and Anupam Datta, associate professor of computer science.

These puzzles would prove significant when security breaches of websites result in the loss of millions of user passwords - a common occurrence that has plagued such companies as LinkedIn, Sony and Gawker.

These passwords are stored as cryptographic hash functions, in which passwords of any length are converted into strings of bits of uniform length. A thief can’t readily decipher these hashes, but can mount what’s called an automated offline dictionary attack. Computers today can evaluate as many as 250 million possible hash values every second, Blocki noted. Given the continued popularity of easy passwords, such as "123456" or "password," it’s not always difficult to crack these hashes. But even hard passwords are vulnerable to the latest brute force methods, Blocki said. In the case of a GOTCHA, however, a computer programme alone wouldn’t be enough to break into an account.

A US design firm claims to have developed a revolutionary new desk with a built-in cycle, pedalling of which generates electrical power to charge devices such as laptops.

The design firm Pedal Power created two such cycling generators that produce electrical power known as Big Rig and Pedal Genny.

The Pedal Genny is a more portable, single function machine. It has an optional seat, but no work surface. It features a flywheel to smooth pedalling, full-size cranks, and an all-steel, hand-built frame, the company said.

It has been used for generating electricity, milling grain and pumping water, but can be configured to power any mechanical device requiring less than 1 horsepower.

Big Rig is designed for off-grid applications and features a work surface, ergonomic seat for comfort, quick adjustments for different riders, a flywheel to smooth pedalling, a wide range of gearings, and an all-steel, hand-built frame, the company said on its website. An average adult can use it to generate 100 watts of electricity, pump 5 gallons of water per minute, grind a variety of grains, as well as operate an air compressor, a hydraulic pump, most any hand-cranked machine, and a variety of small shop tools, the website said.

It has been found to be particularly suitable for small scale agricultural applications such as cracking grains, churning butter, and pumping water.

"With an efficiency of 97 per cent, bicycle technology is nearly perfect. So why do we use it only for transportation? Bicycle technology can and should be used for many everyday tasks. Using your own power rather than plugging into the grid is not only fun, but helps you understand your energy use and reduce your ecological footprint,” the company said.

Discussion is an exchange of knowledge, argument is an exchange of ignorance....!
Mickey Virus is a comic thriller set in Delhi, India. When Delhi Police comes across a case revolving around hacking, they begin their search to find a computer hacker who can help them crack this case. The head of the police team stumbles across Mickey Aroora (Manish Paul), a lazy but street smart hacker who can actually help them solve the case. Mickey runs a grocery store in day time and creates virus’s for anti virus companies in the night along with his tomboy friend Chutney (Puja Gupta) who always helps him out in all odd jobs. He will do anything to get out of hard work to do whatever he wants to do and little does he know that ACP Sidsdhant accompanied by Inspector Bhalla (Varun Badola) are tough nuts to crack. The film was shot in New Delhi, including in office complex of Nehru Place. Several Bollywood biggies like Salman Khan, Madhuri Dixit, Ranbir Kapoor, Anil Kapoor and Karan Johar featured in a promotional video of Mickey Virus. The movie has come under the scanner of Governmental Agencies as it displays techniques of high profile robbery which might spur reel to real life robbery incidents. Elli Avram is also one of the contestants of Bigg Boss 7. She would be inside the House of Bigg Boss, cut-off from the outside world at the time of Movie Release, making it a first of its kind Bollywood Debut. Mickey Virus is made on a budget of Rs.11crore. The film will also be remade in Tamil.

Sudoku

By: Pooja Gupta (EC 3rd Year)

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Solution:

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5 6 4 8 3 1 7 2 9
2 8 9 3 1 4 6 5 7
8 6 2 3 7 1 5 9 2
9 1 2 4 8 3 6 7 5
1 3 7 2 3 8 4 6 5
4 8 2 6 7 1 3 4 9
5 7 3 6 8 1 9 5 4

GK QUIZ

By: Pooja Gupta (EC 3rd Year)

1. Hematite and magnetite are ores of which metal?
   A) Gold    B) Zinc    C) Iron    D) Silver
2. What type of a cuisine is Moru ?
   A) Rice item    B) Vegetable curry    C) Buttermilk    D) Chicken curry
3. The city of Mysore has derived its name from the Sanskrit word for which of these?
   A) Buffalo town    B) Great Town    C) Golden Town    D) Beautiful town
4. With which of these buildings would you associate architect Ramsinh Malam?
   A) Jantar Mantar    B) Town Hall    C) Aaina Mahal    D) Aga Khan Palace
5. JPY is the currency code of which country ?
   A) Pakistan    B) Japan    C) Sri Lanka    D) China
6. What type of a costume is kafani?
   A) Shirt    B) Trouser    C) Belt    D) Shoe
7. What is the official language of Cuba?
   A) French    B) English    C) Spanish    D) Portuguese

Answers:

With will one can do anything.

**EESS**

**Direct & Act**

This was the Round 2 of TECHIES-3.O. In this Event the students got a platform to show their directing and acting skills. Moreover they got an opportunity to know better about team work. In this event each group had to make a story on a sentence provided to them at the moment and one or more members of the group had to act according to the story. Out of 17 groups, 10 groups made it to the third round.

**Extempore**

It was the last round of Techies-3.O. This round was divided in two parts:-

Part-1- PUZZLE.

Part-2- EXTEMPORE. Based on judges’ marks, The Winner of TECHIES-3.O are:-

- Arpit Saxena-Winner.
- Aamish Agarwal-1st Runner Up.
- Muneer Hasan- 2nd Runner Up

**HOBBIES CLUB**

**KALAKRITI**

KALAKRITI event was organized by HOBBIES CLUB on 4th October 2013.

Many participants showed their interests & talents in Arts. Very nice & appreciating works of drawing & painting were seen.

Out of so many beautiful works of the participants, the ‘‘WINNERS‘‘ are:-

1) Akriti Mishra (EC, 3rd yr).
2) Pratisha Varshney (CS, 3rd Yr).
3) Sanya (CS, 3rd Yr).

A very heartiest congratulation to all the selected students for TCS.

With this new glory, shall come more challenges and obstacles in life ahead. Face them with same courage and determination.

ALL THE VERY BEST…. 
Place To Visit..KHAJJIIAR..

By-Rohit Tiwari (EC-3rd Year)

Khajjiar is a hill station in Chamba district, Himachal Pradesh located approximately 24 km from Dalhousie. Khajjiar sits on a small plateau with a small stream-fed lake in the middle that has been covered over with weeds. The hill station is surrounded by green meadows and dense forests.

Mini Switzerland of India
It has rare combination of three ecosystems: lake, pasture and forest.

Khajjiar is among the 160 locations in the world that bear topographical resemblance with Switzerland. The counselor, Mr. Willy T. Blazer, also took from khajjiar a stone which will form part of a stone collage around swiss parliament to remind visitors of khajjiar as Mini Switzerland of India.

There is a hotel and some cottages run by HP Tourism at Khajjiar where the tourists can stay. Besides that, there are two rest houses one each of P.W.D. and Forest Deptt.

The best entertainment in Khajjiar is to walk around the lake or to go for long walks in the thick pine forests. Children enjoy this place because of the freedom of movement and the sloped terrain which permits them to roll down to the lake without getting hurt. Another attraction is horse riding.

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Students Corner

DAASTAAN
Rohit Tiwari (EC-3rd Yr.)

Milne gaye the unse hum
par unhone apne paas hi bula liya..
bina kisi rukaawat ke
apno se door hote gaye,
pal bhar mein hi
unhone hume apna bana liya..
unn bekaabu lehron ne
humein kuch yun jakad liya,
maano khud aakar
unhone humara hath pakad liya..
phir bina kuch samjhne,
 bina kuch jaane
ret ki tarah behte gaye hum
dekhte hi dekhte
apno se bicchadte gaye hum..
ab jo bachi hain baatein
unhi ke sath puri karenge,
ab jo bachi hai zindagi
unhi ke sath puri karenge..
manzil par pahuchne se pehle hi
mil gaya ek andekha sa mukaam,
ikk daraawani si mehsoos kari
humne ek ansuni si daastaan..

-dedicated to Uttrakhand Disaster’s Victims

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If you want to publish your art or writing in Reflections,
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Well begun is half done.