Holi : The festival of colours...

Holi, one of the major festivals of India is celebrated with enthusiasm and gaiety on the full moon day in the month of Phalgun i.e. the month of March as per the Gregorian calendar.

Preparations
Entire country wears a festive look when it is time for Holi celebration. Market places get abuzz with activity as frenzied shoppers start making preparations for the festival. Heaps of various hues of gulal and abeer can be seen on the roadside days before the festival.

Season of Bloom
Everybody gets delighted at the arrival of Holi as the season itself is so gay. Holi is also called the Spring Festival - as it marks the arrival of spring the season of hope and joy. The gloom of the winter goes as Holi promises of bright summer days. Nature too seems to rejoices at the arrival of Holi and wears its best clothes.

Play of Colours
Great excitement can be seen in people when it is actually the time for the play of colours. Bright colours of gulal and abeer fill the air and people take turns in pouring colour water over each other. People of all communities and even religions participate in this joyous and colourful festival and strengthen the secular fabric of the nation.

Happy Holi to all!

Service Lets You Video Chat With Dead People...

A new startup from MIT’s Entrepreneurship Development Program is offering eternal life via the virtual world. The service, called Eterni.me, has designed a way to digitally reconstruct a person’s personality after they die so that the dearly departed may be able to “communicate” beyond the grave.

To get started, users must provide the service with access to online activities like chat logs, social-network accounts, photos and emails. Gleaned information is then used to stitch together a digital portrait and avatar that’s capable of communicating with friends and loved ones after a person dies.

“Eterni.me collects almost everything that you create during your lifetime, and processes this huge amount of information using complex Artificial Intelligence algorithms,” the Web site explains. “Then it generates a virtual YOU, an avatar that emulates your personality and can interact with, and offer information and advice to your family and friends after you pass away. It’s like a Skype chat from the past.”

An intriguing concept, though details of the service are scant. Interested people can email the website to receive updates about the service, which expects a full launch soon.
Dr. Vineet Tirth  
Director MIT,MBD

Plastic: A Magical Material

I feel good to contribute in this edition of reflections. Since, the evolution of human civilization, natural resources have played a great role in its development. Amongst various natural materials that are processed through extraction of minerals and ores from earth’s crust, importance of man-made materials is not less. There are several creations of human being and one such creation is a magical material called Plastic.

Plastic is a wonderful material, rather it is a magical material I would say because, it has been created by humans, it is processed at very low temperature so production cost is less, it is 100% recyclable, it has got very good strength and resistance to water, it is weather proof, it can be used as fuel, it is safe for variety of use including storage of food and water, making engineering components, replacing costly metals, making furniture, cutlery, crockery, stationary industrial and domestic products, plumbing, agriculture etc. It can be painted in any colour, given metallic finish and any texture. Plastics have given another indirect benefit to industries, i.e. reducing weight and hence payload on locomotives, aerospace and military carriers and thus saved a lot of fuel.

It is a pity when I hear pleas and rules to ban this magical material on grounds of pollution. The action as well as rule is required for proper collection and recycling method and incentive based municipal rules for proper disposal of plastic from households and industries. With the largest network of rag pickers and scrap collectors and carrying and forwarding agents, stacking depots in our country, it is not difficult to implement and control proper disposal, handling and recycling of this magical material. The need of hour is to use our own brains and wisdom and give attention to solve the problem rather than leaving a problem unsolved and creating another one.

I feel it is a great opportunity for B.Tech. students, particularly of Mechanical, Chemical, Electrical and Instrumentation Engineering, to make a career in Plastic recycling.

T & P Cell Activities ...

Report by: Mayank Gupta (ECE-3rd Year)

As the semester is ending for the final year students, it is a very busy time for the training and placement department. Many blue-chip companies have arrived at the MIT campus till now and many are still to arrive. The training and placement department is working very hard to get as many students placed as possible. In march, students went to Dehradun for pool campus recruitment drive of Cognizant technology solutions and NEC. Another company GEECL visited the MIT campus for mechanical and civil engineering final year students.

Recruitment process of cognizant consisted of written test, technical interview and HR interview. The written test for cognizant technology was conducted on March 11, 2014 at Dehradun. About 60 students appeared for the written test, out of which 30 students were shortlisted for interview. On March 25, 2014 interviews were conducted at Dehradun Institute of Technology, Dehradun and finally 16 students were recruited by the company. Of the 16 selected, 10 are from computer science engineering, 1 from Information Technology and 5 are from electronics and communication engineering.

For NEC, 10 students of computer science engineering and information technology were shortlisted for the recruitment drive. For the selection process, students went to the Devbhoomi Institute of Technology, Dehradun on March 22, 2014. Of the appeared students, none of the student was selected after the final round.

Great Eastern Energy Corporation Limited (GEECL) visited the MIT campus on March 22, 2014 for mechanical engineering and civil engineering students. The recruitment process consisted of a technical written test and technical cum HR interview. After completion of the recruitment drive, 4 students were selected by GEECL, out of which 3 were from mechanical engineering and 1 was from civil engineering.

Month of April is also going to be full of activities and many more companies will be soon visiting the campus as informed by the Training and Placement department.
It will be no surprise to discover record numbers of tablet sales over the Christmas period as the lowering cost and increasing power of these devices continues to disrupt PC sales.

There are many mid range tablets running Google’s operating system, with the Nexus 10 or Sony Xperia standing out in most comparative reviews. These tend to run well out of the box, but could lack the depth and breadth of polished apps that are available on Apple devices.

Microsoft is still promoting an alternative model with their Surface 2 tablets - where the tablet also works as a traditional PC. Ensuring these devices can run PC programs places limits on their design, with USB ports and Intel processors affecting the physical shape and battery life.

2014 should continue the trend of advanced features and functionality moving from the high end devices down to the mid or low cost end.

Both Adolf Hitler and Osama Bin Laden were announced dead on May 1.

78% of US presidents have been left handed.

While only 1 in 11 people are born left handed.

It takes 7 seconds for food to pass from mouth to stomach.

A human hair can hold 3 kg.

A woman’s heart beats faster than a man’s.

Women blink twice as much as men.

Communication is an exchange of knowledge, argument is an exchange of ignorance....!
**Movie review— HIGHWAY…**

Report by: Monika Vishnoi (ECE– 3rd Year)

**Director :** Intizaz Ali  
**Cast :** Randeep Hooda, Alia Bhatt  
**Music :** A R Rahman  
**Rating :** ****

**Report by: Monika Vishnoi (ECE– 3rd Year)**

Director : Intizaz Ali  
Cast : Randeep Hooda, Alia Bhatt  
Music : A R Rahman  
Rating : ****

Writer-Director Intizaz Ali hit a road less taken. The result is a stylish two-hander that is defiantly unconventional, if not entirely satisfying.

Shot on stunning locations spread from Delhi all the way up to the slopes of Himachal Pradesh and Kashmir, via the plains of Rajasthan and Punjab, the film yields bewitchingly beautiful images.

But it isn’t just the visual and auditory delights on offer that make Highway a sensitive, understated entertainer. Its two exceptional characters sway to the kind of sublime emotional riffs that usually elude mainstream Hindi cinema.

Highway bears the unmistakable Intizaz Ali stamp. The songs are niftily integrated into the narrative; the focus is squarely on the plot; and the female protagonist isn’t a mere object of desire.

The film would have been a bigger triumph had the plot, which hinges on a collision between two diametrically dissimilar individuals and worlds, packed a little more punch.

Intizaz Ali litters the narrative with little touches that speak of human connections in ways that are disarmingly simple but effective.

It is not a typical romantic drama, nor an average love story. It is a road movie with a difference.

Highway dishes out a trip that is definitely worth the price of the ticket.

**Sudoku**

Report by: Monika Vishnoi (ECE– 3rd Year)

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**GK QUIZ**

Report by: Monika Vishnoi (ECE– 3rd Year)

1. As per the Indian Aviation report 2014, which one of the following is the main reason for rendering Indian aviation sector uncompetitive?
   - a) Over Taxation
   - b) Lack of Skill
   - c) Infrastructure
   - d) Privatisation

2. Currently, India’s per capita steel consumption is approximately ________?
   - a) 50 kg
   - b) 60 kg
   - c) 80 kg
   - d) 110 kg

3. Which among the following is known as the earliest example of Panchayatana style of temple?
   - a) Dashavatara temple at Deogarh
   - b) Temple at Pathari
   - c) Shatrughneshwara temple at Bhubaneshwar
   - d) Lakshmana temple at Sirpur

4. The most potent greenhouse gas among the following is __?
   - a) Carbon dioxide
   - b) Methane
   - c) Water Vapor
   - d) Ozone

5. Which of the following disease is also known as factor IX deficiency, or Christmas disease?
   - a) Haemophilia A
   - b) Haemophilia B
   - c) Hepatitis B
   - d) Hepatitis C

Answers:

We are what we repeatedly do. Excellence, therefore, is not an act but a habit.
A principals’ conference was organized in the college campus on 24th Feb’14 on “Role of Schools in preparing Quality Students Higher Technical Education”. It was a great honor for MIT family to have Honorable Dr. R.K. Khandal, Vice Chancellor Uttar Pradesh Technical University (UPTU) as chief guest of the conference. The conference was attended by the principals of all prominent schools of Moradabad. “We also feel honored to have a galaxy of principals in the conference. Their active participation in the conference led fruitful conclusions. We all are benefited and motivated by the ideas put forward by the eminent speakers. Their ideas will guide all concerned to take corrective actions for preparing quality students for higher technical education and thus contributing towards nation building.” said Prof. (Dr.) S. Mukherjee, Director General, MIT, MBD while addressing the eminent guests.

During his address, Dr. Mukherjee also conveyed that MIT has been authorized by UPTU as “Help Desk” for UPSEE-2014. All students of their school who wish to appear for UPSEE-2014 may avail the facility of this “Help Desk” for filling of UPSEE-2014 application form. Principals were requested to inform this to their students.

A two day International Conference on Advances in Electrical Electronics & Computer Engineering (ICAEECE-2014) was organized on Mar 08-09,’14.

Mr. Chander Mohan, Scientist “G” & Head, Fly Ash Deptt., Deptt. of Science & Technology, Delhi designated as a chief guest on the first day of ICAEECE-2014. He delivered his speech about the advancement in science & technology throughout the world.

On the second day of ICAEECE-2014, chief guest Dr. R. K. Khandal, Vice Chancellor, UPTU, Lucknow acknowledged the contribution & efforts of MIT towards this ICAEECE-2014.

Dr. Tyrone Fernando from University of Western Australia, Mr. Inkoo Hwang, Principal Researcher from Daejeon Korea presented their keynote lectures.

There were total 5 keynote lectures & 44 Papers from outside and inside delegates were presented in ICAEECE-2014.

All the General Secretaries, Directors, H.O.D.’s, Faculty members & Students also gave their valuable contribution in making the conference fruitful.
**INSTITUTE NEWS**

Report by– Vansh Johri (CS-3rd Year), Prakhar Saxena (ECE-3rd Year)

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**EESS Society**

**COLOURMANIA**

Colour mania event was organized by the student of EESS society on 12th march.

A large number of student from all branches have shown their talent of sketching and painting in the competition.

They expressed their views on paper with the help of colours. The event was categorized into two parts sketching and painting. Winners of the competition were:

**First prize:**
- Megha Dixit ( 1st yr , section K )
- Divyanshi Gupta (1st yr , section K)

**Second prize:**
- Osheen (2nd yr , section Q)
- Ekta Gupta (2nd yr, section Q)

**Third prize:**
- Deeksha Singh (2nd yr, section J)

**Consolation prize:**
- Anshul Kant (3rd yr, section E)
- Piyush Arya (3rd yr, section E)

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**MITSA: Annual sports Meet 2014**

Two day Annual Sports Meet MITSA-2014 was held on 21st and 22nd Mar ’14. Total 15 events were organized including 100 m, 200m, 400m, 800m, 1500m, races and long jump, high jump, short-put for the students of all branches as well as teaching and non-teaching staff.

Dr. M.M. Sharma, Director, G.K. Welhams Public school inaugurated the event as a chief guest. Ravi Kumar, Kamit Kumar and Surbhi Seth grab the overall championship trophy of MITSA-2014. For teaching staff there was a Musical Chair event was also organised for entertainment.

Prof. (Dr.) S. Mukherjee, Prof. (Dr.) Vineet Tirth, Mr. Y.P. Gupta (secretary MET) congratulate all the winners.

Mr. Rakesh Ahuja, Ms. Neetu Singh, Mr. Amit Dewal, Mr. Hemant Chaudhary coordinated the whole event.

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**Electronics Engineering Students’ Society**

**MAD-AD**

EESS organized an event MAD-AD on 15th February 2014. In this event each group had to make a funny advertisement on the product given to them & the group had to act on that advertisement. Mayank Gupta, Muneer Hasan and Rishabh Gupta from ECE-3rd year got the first position in the event.

This event provides a platform to students to show their acting & creativity. Moreover they got an opportunity to know better about the team work, said Dr. Kshitij Singhal, H.O.D. of ECE Department.

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**HOBBIES CLUB**

**MIXED BAG**

HOBBIES CLUB organized an event MIXED BAG on 12th March 2014. In this event the students got the platform to show their art & creativity. The event is divided into four parts:-

**Mehandi , Nail Art, Tattoo Making, Paper Art.**

Deepanshi Chauhan of CS, 2nd Year got first prize in Mehandi Category.

Deeksha Rastogi of CS, 3rd Year secured first position in Nail Art.

Harshit Agarwal of CE, 2nd Year got first position in Tattoo Making and Vinni Khanna of CS, 2nd Year takes her position in Paper Art.

All the winners were awarded by the respected faculty coordinators of Hobbies Club.
Commencement of the conference by Dr. R. K. Khandal, Vice Chancellor, Uttarakhand Technical University, Lucknow

Dr. R. K. Khandal being honoured by the trustees of MET

Faculties of MIT and other guests listening to the research paper presentations

Group photograph of all the guests and members of the conference

If opportunity doesn’t knock, build a door.
The most popular Waitomo Glow-worm Caves Waitomo Glow-worm Cave, Ruakuri Cave and Aranui Cave occupy a high place in the New Zealand vacation wish-list. The glow worm, Arachnocampa luminosa, is unique to New Zealand. Thousands of the tiny creatures radiate their unmistakable luminescent light. The cave was formed on an earthquake fault, which means the rain water that creates the limestone crystals entering more readily. As a result, almost every corner of the roof and walls is adorned with fragile, sparkling forms in pale brown, pink and white. There is very little of the fragile, sparkling forms in pale brown, pink and white. There is very little of the ceiling that has not been decorated by the dripping water. Travellers enjoy the world ceiling that has not been decorated by the pink and white. There is very little of the limestone crystals entering more. As a result, almost every corner of the roof and walls is adorned with.

Your guided tour will take you through over 250 metres of stunning underground scenery commencing with the impressive Cathedral. The acoustics in this particular cavern are world-renowned. Acclaimed New Zealand Diva, Dame Kiri Te Kanawa, has sung here and was delighted with the purity of the sound. The tour begins at the upper entrance of the cave and proceeds along a low narrow passage to the Tomo, a deep limestone shaft. The tour guide will deliver a highly informative commentary about the formations and the history of the area. The highlight of the tour is an unrivalled boat trip through the spectacular Glow-worm Grotto. Tours starts every half hour daily from 9am-5pm daily and an additional tour at 6pm & 7pm from 26 December – 31 January. The tour is approx. 45 minutes in duration. Marvel at Mother Nature's light display as you glide silently through the starry wonderland of the Glow-worm Grotto. Meander underground along the Waitomo River and gaze in silence at the myriad of glow worm lights that make up the Glow-worm Grotto. As you enter this galaxy of tiny living lights, you'll immediately experience a serene ambiance and be fascinated and intrigued by tiny glow-worms that light your way.

**Three ways to keep your Heart healthy:**

- **Exercise**: Thirty minutes of moderate exercise every day can have a big impact on heart health.
- **Eat Healthy**: Eat a healthy, balanced diet. Remember the "Five Rule", i.e. consume at least five fruits and vegetables every day.
- **Quit Smoking**: If you have cardiovascular disease and you smoke, you’ll die 15 years sooner than you would otherwise.

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**Website an Engineer must know**

**Calendar of Science** (from the Pacific Science Center in Seattle, Washington): What happened today in science?

**ScienceBlogs.com**: This site, operated by the magazine SEED, contains a list of several dozen of the best science blogs.

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**Team Reflections**

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- Ms. Anupam Yadav

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**Co-Editor**

- Ms. Sangeeta Mahesh

**President**

- Mahim Gaur
  - (EI-Final Year)

**Vice-President**

- Kavya Bhatia
  - (EC-Final Year)

**Coordinator**

- Manvendra Singh
  - (EC-Final Year)

**Moderators**: Harshit Agarwal (CS-Final Year)


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**Well begun is half done.**