Slogan of the academic year 2014-15

“Learn today........ for a better tomorrow. We are sure to touch the new heights”. Mr. Vikas Kr. Mittal

INSIDE THIS ISSUE:

MIT stepping ahead 2
Techno Freaks 3
From the Shelf 4
Institute News 5
Place to Visit 6
Heath Tips 6

Flashback-2014

By Anant Shaurya Gaur (ECE-3rd Year)

The rise of power in the center by a versatile and dynamic leader Narendra Modi sent comforting waves. His acceptance world-wide has opened avenues for the Indians across the world. BJP sweeping the Lok Sabha House with full-majority became golden in history. In their hope for a better India, citizens of the largest democracy in the world turned up on polling day in unprecedented numbers, exercising their right to choose their government. Voter turnout for Lok Sabha elections 2014 was a record-high of 66.4 %. This is actually the best news of the year 2014. India had launched an anti-polio drive in the year 1994 and finally after ten years of vigorous promotions, India is finally certified as a Polio-free country. A heads-held-high moment for us there! The unthinkable also happened this year only when for a couple of hours entire power of the country consolidated under one roof. 21 years of Aap Ki Adalat witnessed the President, the Prime Minister, the 3 Khans and almost all the headline makers of India coming together to be a part of the gala event. In yet another major power-shift, we saw biggies of business world like Subroto Roy and Vijay Mallya having landed in troubled waters.

On the lighter side, Bollywood also showed development in the relation of the three power houses i.e. the three Khans. We saw the three biggies, Salman, Shahrkukh and Aamir soliciting at Salman’s sisters’ wedding together.

It was a proud moment when I heard the news that Mangalyaan (a space mission by India launched in 2013) had successfully reached the Mars orbit. India became the first nation to reach Mars orbit in its first attempt.

Talking of Sports, it lost a true cricketer Philips Hughes literally in a tragic incident.

The Indian hockey team has never failed to impress us. In the Asian Games held this year, Indian Hockey team bagged gold medal after defeating (our arch rivals) Pakistan. Awesomeness! The boxing champion M. C Mary Kom made the country proud as she won her first gold medal at Asian Games after she knocked down Zhaina Sharbekova of Kazakhstan. She totally deserves the title, Magnificent Mary.

People lost in MI 370, those killed in Iran and ‘never to be forgotten’ innocent souls razed in Peshawar left us with pinching memories and moist eyes. At home, those sacrificed in the Muzaffarnagar riots, brave-hearts ambushed and killed in Chhattisgarh and lately the heinous killings in Assam are still troubling our thoughts. The end was also marked appropriately, by honoring the deservers. Malala and Satyarthi having won the Nobel Peace Prize and Pandit Ji and AB Vajpayee having earned Bharat Ratna, stand as true inspirations for another year of hope, prosperity and truthfulness.
“It’s not the mountain ahead that wears you out; it’s the grain of sand in your shoe.”

“The secret of getting ahead is getting started.”

December ’14 comes with most astonishing and prideful news for Moradabad Institute of Technology. By 19th of December MIT has completed its 100% placement record for all the eligible students of 2015 passing out batch. There were fruitful results across while different recruitment drives held in and off campus of companies like Cozmic Solution Pvt. Ltd., Capixa Tech. Pvt. Ltd., Webexpert Software Pvt. Ltd., Unisys Global Services and Priya Industries Ltd. Total 165 students from different branches have been placed in these companies. MIT wishes them all the very good luck for their bright future, said Dr. Vineet Tirth, Director, MIT Moradabad.

The intermittency of renewable energy makes it expensive. Several new types of battery, each capable of cost-effectively storing the energy output from a wind or solar farm, are finally being hooked up to power grids forming an Aquion Energy grid battery pack. The so-called grid batteries could lower the cost of renewable energy by eliminating the intermittency problem that arises when the sun isn’t shining or the wind isn’t blowing.

“Aquion Energy”, a Pittsburgh-based startup that makes one such battery, announced that the technology will allow a small electricity grid in Hawaii to run around the clock on solar power.

Conventional batteries would be too expensive or unreliable to use for grid-scale storage. The new batteries coming use materials and manufacturing processes that not only lower costs but should also allow them to last for decades.

Similar grid-battery projects are taking off in California, propelled by new regulations designed to accommodate shifts in renewable energy. Last month, Ambri, a startup based in Cambridge, Massachusetts, that makes batteries out of molten metal, announced that it would connect its batteries to the grid for the first time later this year in a series of pilot projects in Massachusetts, New York, Hawaii, and Alaska.

The new battery technologies aren’t yet cheaper than natural gas plants—the current technology of choice for backing up renewables—in all situations. That’s largely because the batteries are being produced in low volumes.

But Aquion and Ambri are targeting specialized markets. Electricity prices are particularly high, making batteries for backing up wind and solar power more valuable. The Hawaii microgrid will serve as backup for a 176-kilowatt solar panel array, large enough for more than 40 medium-sized homes, and will store 1,000 kilowatt-hours of electricity, enough to power a typical U.S. home for more than a month. Aquion’s factory could supply 200 such projects per year.

Ambri’s pilot projects target a slightly different situation, where reducing peak power demand from the grid is important. If customers can store some electricity on site, they can reduce their draw on the grid at key times, and thereby greatly reduce their power bill.

One of Ambri’s pilot projects may also help address a key problem in New York City, where the lines that import power into the city are sometimes nearly strained to the breaking point. The company’s batteries could lower demand, and reduce the need to build additional power lines. They could also serve as backup in the case of power outages.
Movie Review

By Archit Saxena (ECE 3rd Year)

**Cast:** Aamir Khan, Anushka Sharma, Sushant Singh Rajput, Boman Irani
**Direction:** Rajkumar Hirani
**Rating:** ****
**Story:** The film starts off with PK (Aamir Khan), an alien, landing on earth, in the desert of Rajasthan, to study about human begins and life on earth. Arriving stark naked on earth, PK has a rough start on the planet when his tracking remote, that helps him send signals back to his spaceship, gets stolen. He now has to find the remote to contact his spaceship and till then survive on earth on his own. Unaware of human mannerisms, language or life in general on earth, PK finds it difficult to adjust. However, fate brings him in touch with Bhairav Singh (Sanjay Dutt) who becomes his dear friend and helps him with life on earth. But destiny takes PK to Delhi. From here on starts a whirlwind story of a stranger in the unknown city of Delhi asking questions that despite their innocence hold a valuable and deep meaning. Aided on by Jagat Janani (Anushka Sharma) who teams up with him on this journey, PK challenges some of the oldest rituals of religion that are ruling life of people on earth. Can PK find his remote and return home? To know this watch PK……

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G.K. Quiz

By Anmol Goel (CS 3rd Year)

1. PEGIDA is an ongoing anti-Islamization movement concentrating in which country?
   A) Germany      B) Saudi Arabia     C) Canada       D) Russia

2. As per the latest survey, which among the following is most expensive office location in the world?
   A) Connaught palace, Delhi          B) London West End’s
   C) Bandra-Kurla Complex, Mumbai    D) Hong Kong Central

3. Kei Perenna Hoi Ting, who has been named as the world’s youngest billionaire is from which country?
   A) Japan      B) Thailand       C) China      D) Mauritius

4. The “Mount Cook” is the tallest peak of which country?
   A) New Zealand    B) Australia    C) Netherland    D) Russia

5. Which among the following space agencies has planned to launch the “Soil Moisture Active Passive (SMAP)” instrument to measure soil moisture on Earth?
   A) ISRO       B) NASA         C) European Space Agency  D) Russian Space Agency

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SUDOKU

By Anmol Goel (CS 3rd Year)

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

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

1A 2B 3C 4A 5B
MIT Alumni Association: On 26th December 2014 MIT Alumni Association organized a lecture delivered by Ms. Pooja Gupta Alumni CE&IT 2000 & Mr. Amit Gupta CISCO, California, USA on “How Computer Education is useful in Industries in USA”. They discussed about the latest trends in Industries and hot topics such as cloud computing, mobile computing etc. Mr. Amit Gupta also consult about entrepreneurship. It was a very interactive session in which audience cleared their doubts. Guest of Honour Mr. Shobhit Gupta, MBA, IIT Roorkee was also present. He discussed about the latest trends and technology of management. Director General Dr.( Prof.) S.Mukherjee, Secretary MIT Sri Y.P. Gupta ji, President MITAA (Mr.Anurag Malik), Secretary MITAA (Ms. Deepti Shinghal) & HODs of all the department were present.
Manali is the gateway to Rohtang Pass beyond which lie the twin valley of Lahaul and Spiti. In winter the mountain slopes are snow clad and they turn into perfect skiing slopes. This point is one of the main attractions for tourists coming to Manali. The Rohtang pass is 51 KM north of Manali and it is located on Manali Keylong Highway at an altitude of 4111 meters (13,400 ft). This pass opens for tourist from April end to October end of the year. The permission to travel on this highway is given by Indian army after they clear the snow and inspect the road for it's fitness and safety for movement of person and the vehicles. The same road connects to Leh Ladakh (State of Jammu & Kashmir) from Manali (State of Himachal Pradesh). Sonepani Glacier and a small lake (Dashahr) are located opposite and left to Rohtang respectively.

Rohtang Pass is opened for traffic from May and buses are scheduled to travel to Keylong from Kullu through the pass. Now tourists are allowed upto Marhi , Beas Nala. This place is before Rohtang pass but you can enjoy lot of snow here. However any time the road may close due to bad weather Vehicle Hire charges for Rohtang or one can use shared taxi. Only middle row or only front row of a jeep can be booked. There are taxi operators in most parts of the city and some good centers are there around Mall road whom you can contact for all travel requirements. Your hotel boy or manager can easily plan your travel arrangements.

The other hamlets around Manali also have houses embellished with wood carving. The Rohalla falls are on the way to Rohtang pass from Manali and are worth visiting. On the way to Rohtang at Beas Nallah one has to cross the river Beas. This river starts from here (Beas Kund). There are daily bus tours to Rohtang pass.

Rohtang Pass is closed on Tuesday. On the way to Rohtang pass one can find many food stalls serving variety of foods. You can get a cold drink as shopkeepers keep then in running water to maintain the temperature as there is no need of a refrigerator here. One can relish the food by sitting inside the low running water of the river Beas.

Monthly Health Tips
By– Niharika Verma (ECE 3rd Year)

- Raw onions are good cure for ulcers due to the sulphur present in the onions.
- Having almonds in your diet as snack may help to fight against diabetes , LDL (bad cholesterol) and heart diseases.

Website an Engineer must know...
By– Niharika Verma (ECE 3rd Year)

- http://www.engineering.nd.edu/
- http://www.howstuffworks.com/

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