India election 2014: Narendra Modi is not the ogre he’s been made out to be...

Until February this year, Narendra Modi, the leader of India’s main opposition party, was an international pariah. As chief minister in the state of Gujarat, he was accused of being complicit in – or at the very least, untroubled by – the massacre of more than 700 people in 2002, when rioting Hindu mobs laid siege to Muslim neighborhoods, raping women, looting homes and hacking to death or burning alive many of the residents.

If exit polls are correct, Mr Modi will win a sweeping victory in the largest election in history, becoming prime minister of the world’s biggest democracy. It is a prospect that has struck terror through the ruling Congress Party, and the Indian establishment more generally. The fear is that Mr Modi’s aggressive brand of Hindu nationalism will provoke new anti-Muslim riots. That it will stoke new clashes – at least the Dalits, the so-called “untouchables” who do all the dirtiest jobs. And that it will stoke new clashes with Pakistan, and see India turn away from trade and foreign investment to pursue an isolationist path.

Given this spectre, it is no wonder that Congress, led by Sonia Gandhi, her son and heir Rahul and her sister Priyanka, has run a campaign focused almost exclusively on “stopping Modi”. They are entirely bent on convincing voters of the threat he poses to Nehru’s secular vision of the Indian state, rather than persuading them that Congress’s 10 years of government have been good for them. Yet there is another take on the Modi phenomenon, one voters are finding rather more convincing. Where his enemies see a xenophobic rabble-rouser, they see a presidential-style candidate who promises new dynamism instead of “policy paralysis”. The BJP campaign has highlighted not just Mr Modi’s anti-corruption platform, but his boundless energy: over the course of six weeks, he has covered more than 200,000 air miles, addressed just under 500 rallies and “appeared” at another 800 as a live hologram.

In his speeches, he highlighted his personal story: the childhood job helping his father as a tea boy on trains, a low-caste origin in striking contrast with the pampered privilege of the Gandhi dynasty. It has connected with the strong – but usually thwarted – desire for greater opportunity among India’s lower castes. And even as Sonia Gandhi was urging Muslim leaders to “Stop Modi”, some of them were voicing their resentment at an attempt to terrorise them into voting for a Congress Party that has not fulfilled its promises. Muslim supporters of Mr Modi pointed out that he was recently cleared of involvement in the Gujarat riots by a court-appointed investigation, and that while concerns linger, the state has seen less sectarian violence since 2002 than elsewhere. One adds that while many thousands have died in such disturbances across India, Gujarat is the first state where the perpetrators are gradually being brought to justice – in contrast with the alleged involvement of Congress figures in the riots that followed the assassination of Indira Gandhi in 1984, when more than 8,000 Sikhs were massacred.

For the veteran newspaper editor M J Akbar, a high-profile Muslim and a former press secretary to Rajiv Gandhi, the most urgent need is for economic leadership – and Mr Modi is the man to provide it. India needs to create 20 million new jobs a year to employ its growing young population, which means its economy must grow at a minimum of nine per cent. It is currently below six per cent, thanks in part to corruption and weak government.

On the national stage, Mr Modi will be constrained by the coalition partners he will need to rule. Indeed, it is not guaranteed that he will be able to form a government: exit polls have a questionable record in India, and if his BJP does worse than expected in Uttar Pradesh and Bihar, another figure might prove acceptable to potential coalition partners. A “third front” of regional and caste-based parties could cobble together a government, with Congress support. But while the verdict of voters will be delivered on Friday, Mr Modi has already won over the toughest constituency – across the border in Pakistan. Earlier this month, diplomats there told The Telegraph that they were not concerned about the 2002 riots, and hope he will offer the leadership necessary for the old enemies to make progress in peace talks. It is just possible, in other words, that a man who can unite senior Muslims, Hindu fundamentalists, Pakistani diplomats, anti-corruption campaigners and low-caste leaders behind his campaign might not be the bogeyman of Congress’s nightmares, but the strong leader India so desperately needs.

Quality is not an act, it is a habit. — Aristotle
Placement of current batch(2010-14) at a glance...

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<th>Name of the Company</th>
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<td>Tata Consultancy Services</td>
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<td>Concierge Technologies</td>
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<td>UP Jal Nigam</td>
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<td>Recom Infotech</td>
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<td>MASTECH IT Staffing &amp; Recruiting Company</td>
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<td><strong>Total</strong></td>
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As few college days are remaining for the final year student, training and placement department is working very hard to get as many students placed as possible.

A Noida based MNC company Novo impact visited MIT campus for the Electrical Engineering and Mechanical Engineering students. They selected three students from electrical engineering branch for China based Decemark Lighting Pvt. Ltd. company. Nove impact is a big seller of CNC laser cutting, laser marking and laser welding machines, which are manufactured by desmark lighting company.

In the month of May and June, many companies are going to visit MIT campus.

Radico Khetan Limited will visit the MIT campus on may 26, 2014 for chemical engineering students. The recruitment process consisted of a technical written test and technical cum HR interview.

Vaibhav group will also visit the MIT campus on may 26, 2014 for Electrical Engineering and Electrical & Electronics Engineering students.

On May 28, 2014 Aon Hewitt a top most MNC is going to visit our campus. Students of the electronics & communication, Computer Science and Information Technology will appear for this company. Recruitment process of Aon Hewitt consists of group Discussion written test, technical interview and HR interview. First, they will shortlist students through group discussion.

Training and placement cell still trying very hard for the visit of various renowned companies for the current batch.

*Setting goals is the first step in turning the invisible into the visible. — Tony Robbins*
Scientists at Switzerland’s Federal Institutes of Technology, together with specialists from IBM, have created a magnet from a single atom – and managed to keep it stable enough for use in a host of technological innovations.

The magnets created in the lab are made up of a single cobalt atom on an ultra-thin magnesium oxide surface. Scientists found that the combination of the cobalt with the magnesium oxide made the magnet three times stronger than if it were made of pure cobalt, requiring 1,000 times more energy to reverse its polarity.

“We have now shown that it is possible to create relatively stable magnetic components out of single atoms; i.e. the smallest possible structure,” says Pietro Gambardella, professor of Magnetism and Interface Physics at the Federal Institute of Technology in Zurich.

Single-atom magnets used in technology must remain very stable in the face of outside influences, something that’s been very difficult to achieve to this point. Such magnets are especially needed for a certain type of storage media that can store information permanently without always needing to refresh the data.

That technology, known as MRAM – Magnetoresistive Random Access Memory – is currently only used in certain specialised systems like aircraft and satellite control. However, it is also being developed for wider use in personal computers. The single-atom magnet study was published in the journal Science.

In this illustration, each of the blue spheres is an atomic-sized cobalt magnet, on a thin magnesium oxide surface (Illustration: Fabio Donati/EPFL)

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**Smallest 3D Printing Pen Lets You Draw in the Air**

Report by Monika Vishnoi (ECE-3rd Year)

Stories about 3D printing are all over the internet. There are 3D printers that can print homes for only a couple thousand dollars, and there are even 3D printers creating inexpensive prosthesis.

This new technology is truly incredible; however, even the latest 3D printers are bulky and hard to use. LIX is looking to answer this technological problem and has now created an easily manageable and handheld version of the 3D printer — in a pen! The LIX 3D printing pen is not the first of its kind, falling behind the original 3D printing pen 3Doodle. 3Doodle, however, was extremely bulky and heavy, making it nearly impossible to create straight lines and delicate art. The main selling point of this new LIX pen is that this is actually the size, shape, and weight of a normal looking pen.

In July 2013, the LIX company created its first prototype of the 3D printing pen. This April, LIX brought their prototype and vision to Kickstarter, where they now have over 18 times their goal of £30,000.

So how does it work? Essentially, this little device melts and cools colored plastic. At the back of the pen, there are two small holes — one of which powers the pen, which you can plug into any USB port (your computer, your iPod charger, etc). You then insert the filament — or the colored plastic — into the other hole. This is the pastel that the pen will then melt inside the pen. As you draw, the pastel will cool into place. When all the inserts are in place, it requires a 60-second charge in order for the tip of the pen to heat up and get the plastic ready. Then, you are ready to draw and create your own amazing 3D printing art!
**Solution:** 

Present ages of Sameer and Anand are in the ratio of $5:4$ respectively. Three years hence, the ratio of their ages will become $11:9$ respectively. What is Anand’s present age in years?

A) 24  B) 27  C) 40  D) can’t be determine

A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:

A) $145^\circ$  B) $150^\circ$  C) $155^\circ$  D) $160^\circ$

A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

A) 120 m  B) 180 m  C) 324 m  D) 150 m

The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

A) 16 cm  B) 18 cm  C) 24 cm  D) Data inadequate

Ordinary table salt is sodium chloride. What is baking soda?

A) Potassium chloride  B) Potassium carbonate  C) Potassium hydroxide  D) Sodium bicarbonate

B. C. Roy Award is given in the field of:

A) Music  B) Journalism  C) Medicine  D) Environment

Answers:

1. Potassium chloride  2. $155^\circ$  3. $150$ m  4. $18$ cm  5. Sodium

**Movie review— TWO STATES...**

Director: Abhishek Varman  
Cast: Arjun Kapoor, Alia Bhatt  
Music: Shankar-Ehsaan-Loy  
Rating: ****  

2 States is a 2014 romantic comedy film based on the 2009 novel with the same name written by Chetan Bhagat. It is produced by Karan Johar and Sajid Nadiadwala.

The story begins in the IIM Ahmedabad mess, where Krish, a Punjabi boy from Delhi sees a beautiful girl, Ananya, a Tamilian from Chennai, quarreling with the mess staff about the food. They become instant friends and decide to study together. During this time, they become romantically involved. They both get job placements, and have serious plans for marriage. Initially Krish tries to convince Ananya’s parents, and at last convinces them. After which, they try to convince Krish’s mom. But the problem is Krish’s maternal side of the family is completely against such a union. But ends up agreeing when Ananya successfully helps one of Krish’s cousins to get married. The last step they had to go through was to get their families to like and respect each other. They failed in it. Ananya then decides to end the relationship. But, at last, Krish’s father, who since the start had an antagonist relationship with his son, helps Krish and Ananya to get married by convincing Ananya’s family and apologizing for his wife’s actions. At the end, Krish and Ananya get married and it is revealed that he becomes an author and a father of twin boys.

The film has been declared a "hit" by Box Office India, with a very good run in multiplexes and single screens alike it managed a three-day nett of ₹370 million (US$6.2 million).

**Sudoku**

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

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**GK QUIZ**

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

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B. C. Roy Award is given in the field of:

A) Music  B) Journalism  C) Medicine  D) Environment
A project exhibition had been organized for final year student of all branches. In this exhibition 159 projects had been displayed by the students. Those projects were very innovative and helpful in our modern era. Projects like intelligent helmet for bike, fuel locking system, design and fabrication of solar ocean thermal power plant, automatic vehicle number finder, wireless computer controlled spy boat and many more were very interesting.

Mr. Y.P. Gupta, Mr. Adarsh Agarwal, Prof. (Dr.) S. Mukherjee, Prof. (Dr.) Vineet Tirth, and dean (Pro.) V Singh visited this exhibition and appreciated the work of all the students. Students of 1st, 2nd and 3rd year also saw various projects and asked about the working and use of those projects. All the students of B. tech were very excited on the conduction of this exhibition.

All the heads of departments and faculties appreciated students project work and wished them a very bright future.
INSTITUTE NEWS

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

Electronics and Communication Department

A seminar had been organized by Electronics and Communication Engineering department on April 25, 2014. Mr. ankur Srivastava, Director, TalentR Bangalore was the guest lecturer of this event.

The topic of the seminar was “vision for tomorrow”. In this event 200 students of EC & CS have participated.

Mr. ankur Srivastava discussed about the nano technology and telecom devices. It was very fruitful for the students. Dr. Khitij Shinghal HOD of ECE presented token of regard to Mr. ankur Srivastava.

Department of Electronics and Communication

On April 25, 2014, students of the ECE organized a farewell party for their seniors who left after completion of final year. The farewell was hosted by the students of third year. Prof. (Dr.) S. Mukherjee, Dr. Khitij Shinghal, HOD and all the staff members had been invited in the auditorium where the juniors had performed some dances and songs for their seniors. To add some fun to the farewell party, students had also been given specific titles based on their unique personality. In the last through some task performance they choose Mr. Farewell and Ms. Farewell.

Department of Computer Science and Information Technology

On April 21, 2014 & April 23, 2014 students of CS and IT organized a farewell party for their seniors. In this programme they organized various events and fun games. Students of third year performed dances and sang songs for their seniors. Prof. (Dr.) S. Mukherjee, Mr. Vikas Kumar, HOD and all the staff members had been invited in the programme.

All the students of final year and third year got emotional and some of the students of final year shared their feelings. At last Mr. Farewell and Ms. Farewell were chosen through their performances in various tasks.

In order to succeed, we must first believe that we can.
Department of Electronics and Instrumentation Engineering

A workshop was organized on “Industrial Automation” by SOFCON India Pvt. Ltd, Noida on April 2, 2014. In this workshop students of third year of EI, EE and EN participated.

Industrial automation is the use of robotic devices to complete manufacturing tasks. In the age of computers, it is becoming increasingly important in the manufacturing process because computerized or robotic machines are capable of handling repetitive tasks quickly and efficiently. Industrial Automation is a fastest growing engineering branch. Now thousands of MNCs are doing production in India with automation technology. The requirements of Automation Engineers are growing rapidly. In the present scenario, to survive in the global competition every industry is forced to use machinery. These automatic machines are built with PLCs, drives, sensors and Pneumatics.

In this workshop they discussed about various Monitoring and intent recognition, Situation Awareness, mode awareness, failure detection and management, Diagnostic and troubleshooting etc. This workshop was very fruitful for the students.

Department of Electronics and Instrumentation Engineering

On May 3, 2014 students of third year Electronics and Instrumentation Engineering organized a farewell party for their seniors. In this programme they had organized various events and fun games. Students of third year performed dances and sang songs for their seniors. They also organized some fun games for their seniors. Prof. (Dr.) S. Mukherjee, Mr. Rajul Mishra, HOD and all the staff members had been invited in the programme. All the student and faculty members enjoyed the programme very much.

All the students of final year and third year got emotional and some of the students of final year shared their feelings. At last Mr. Farewell and Ms. Farewell were chosen through their performances in various tasks.

In order to succeed, we must first believe that we can.
Place To Visit..Nubra Valley, Ladakh

Nubra Valley is one of the most visited places in Ladakh especially if you are visiting for the first time. Nubra Valley is among the sub-districts in Ladakh, located in North East side having Diskit Village as its main headquarter.

Nubra Valley will take your breath away at first sight. The major attraction of a trip to Nubra Valley is going over the so-called or hyped, highest motorable road, Khardung La Pass. Being at lower altitude than Leh at an average altitude of 10000 Feet or 3048 Mtrs, Nubra Valley is an ideal place to fit into the acclimatization schedule of your Ladakh trip once you reach Leh. Climbing to very high altitude of Khardung La from Leh and then sleeping at low altitude of Nubra Valley DOES HELP tremendously in acclimatization. Thus, apart from the magnificent vistas on offer, Nubra Valley has a hidden advantage with respect to acclimatization as well which will eventually help your trip be more successful. No wonder, if you are missing on this part of Ladakh on your trip, you are almost missing out on the heart of the Ladakh trip.

Places to visit in Nubra Valley
You can visit following places in Nubra Valley and may be I will try to explain them in detail in some other article just to maintain the brevity of this article.

Discik: Diskit has a monastery which is largest and oldest Buddhist monastery in Nubra Valley and houses a 106 feet tall Maitrey Buddha statue. There is Lachung Temple as well which is quite close to monastery.

Hunder: Hunder is famous for its sand dunes and double humped bacteria camel safari. Sumur: Somewhere between Sumur and Kyagar, you can visit Samstanling monastery.

Panamik: It has hot water springs and a sacred Yarab Tso lake nearby the entrance of the village.

Turtuk: Recently opened for tourists in 2010, Turtuk offers a much different landscape and cultural orientation than rest of the Nubra Valley. You can see apricot trees loaded around the entire village with views closer to Karakorum range.

Monthly Health Tips...

HEALTH SECRETS OF BITTER GOURD:

1. Heart Care: Reduces bad cholesterol levels, by burning unnecessary fats which clog the arterial walls and thereby reduce the chances of heart attacks.

2. Weight Loss: Rich in iron, beta-carotene, and potassium. It can relieve constipation and improve circulation, thereby producing slimming effects on the body.

3. Liver tonic: Helps to maintain healthy liver and bladder. It is also useful in removing kidney stones and relieving gout pain.

4. For Respiratory disorders: Fresh pods are an excellent remedy for curing respiratory problems like asthma, cold, cough, bronchitis and pharyngitis.

Website an Engineer must know

www.mathway.com
Solves any kind of math problem, from basic math to chemical equations.

www.livescience.com
This site explains the latest research on the planet, from human biology to the animal world and the forces of nature.

If you want to publish your art or writing in Reflections, mail us at – onlinereflections@gmail.com

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