The Information Technology Act

By– Keshav Mehrotra (ECE– 2nd Year)

The Information Technology Act, 2000 was amended in 2008. The amended Act which received the assent of the President on February 5, 2009, contains section A. Under this section, persons indulging in the activities like sending or posting any offensive comments via internet and social networking sites shall be deemed to the punishment of at least three years of imprisonment. The rules for blocking websites in India were also governed by Section 69A. This section authorized the central government, the power to direct either a government agency or an intermediary to block access to any website under a list of very specific circumstances. If intermediary sites failed to comply with the blocking order, they may get punishment of imprisonment and fines.

This section was introduced to reduce the rates of online harassment but it took another shape in the eyes of people. The controversial Intermediary Due Diligence Rules, 2011 also took away the individual’s right to free speech as it gave power to intermediaries to decide the fate of the content. This rule had been a subject of heated debate among civil societies, activists, journalists and parliamentarians. The two girls Shaheen Dhada and Renu Srinivasan were arrested over a facebook post, under 66A, criticizing the curfew situation in Mumbai after Shiv Sena supremo Bal Thackeray’s death. Earlier, the arrests of Jadavpur University professor Ambikesh Mahapatra for circulating a cartoon lampooning West Bengal Chief Minister Mamta Banerjee; have also sparked popular anger among the civil societies.

People saw it as a violation to the constitution of India. Many people criticized it by saying that it was snatching away the freedom of speech, expressions and thoughts. In a landmark judgment upholding freedom of expression, the Supreme Court on May 16, 2015 struck down a provision in the cyber law which provides power to arrest a person for posting allegedly “offensive” content on websites. The court in its judgment makes several important observations concerning the right to free speech in India, most significantly perhaps in noting that fundamental rights would apply equally online and offline. It must also be kept in mind that the biggest problem with section 69A is not the fact that the government has the power to block information but that this power can be exercised arbitrarily without transparency and in a wholesale manner that leads to innocent speech also being proscribed.

The court also recognizes that parts of section 79 and the intermediary guidelines are unconstitutional. For instance, it notes that “unlawful acts beyond what is laid down in Article 19(2) obviously cannot form any part of Section 79”. However, it fails to explain why this should not be a basis of striking down relevant parts of Section 79 or its rules on grounds similar to those cited for Section 66A. After all, the intermediary guidelines too contain numerous vague and arbitrary provisions and in fact, penalize certain types of behavior not otherwise considered crimes.

In the wake of numerous complaints of harassment and arrests, the Supreme Court came
As few college days are remaining for the final year student, Training & Placement Department is working very hard to get as many students placed as possible.


For the month of April, firms like Franconnect, JK Technosoft, etc. will be visiting the MIT campus for the placement of students of MIT. Training and Placement Cell is still trying very hard for the visit of the firms.

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Brain compass implant gives blind rats psychic GPS

Who needs sight to get around when you’ve got a digital compass in your head? A neuroprosthesis that feeds geomagnetic signals into the brains of blind rats has enabled them to navigate around a maze. The results demonstrate that the rats could rapidly learn to deploy a completely unnatural "sense". It raises the possibility that humans could do the same, potentially opening up new ways to treat blindness, or even to provide healthy people with extra senses.

"I’m dreaming that humans can expand their senses through artificial sensors for geomagnetism, ultraviolet, radio waves, ultrasonic waves and so on," says Yuji Ikegaya of the University of Tokyo in Japan, head of the team that installed and tested the 2.5-gram implant. "Ultrasonic and radio-wave sensors may enable the next generation of human-to-human communication," he says.

Psychic GPS
The neuroprosthesis consists of a geomagnetic compass – a version of the microchip found in smartphones – and two electrodes that fit into the animals’ visual cortices, the areas of the brain that process visual information.

Whenever the rat positioned its head within 20 degrees either side of north, the electrodes sent pulses of electricity into its right visual cortex. When the rat aligned its head in a southerly direction, the left visual cortex was stimulated. The stimulation allowed blind rats to build up a mental map of their surroundings without any visual cues.

During training, blind rats equipped with digital compasses improved at finding food rewards in a five-pronged maze, despite being released from one of three different arms of the maze at random each time.

After two days and 60 maze trials, they could navigate their way to the reward as fast as sighted rats could. Blind rats with no additional senses, by contrast, were much slower to locate the reward and didn’t show any improvement. If they were relying on their sense of smell to find the food then all three groups would have shown similar abilities.

As further evidence that the rats weren’t simply checking each of the maze arms in turn, the team looked at what the rats did at the first turn they came across. The blind rats always went straight, no matter where they started, suggesting that they were using a fixed foraging strategy. The sighted rats and the compass-equipped rats varied their behaviour depending on where they started from, suggesting they had a map in their head that they were able to rotate depending on their location.

The rats were equally adept at navigating when electrical pulses were fed into the part of the brain that registers whisker touch, suggesting that even non-vision senses can be redeployed for navigation.

Sensory extension
Other researchers agree that such sensory extensions might be feasible. "In theory, it would be possible to augment human perceptual capabilities using this approach, but many more studies in animals have to be done before one can justify any human study," says Miguel Nicolelis of Duke University in Durham, North Carolina, who demonstrated two years ago that rats with a brain implant can learn to "touch" infra-red radiation.

People with paralysis who use a computer interface implanted in their brain to communicate or move their
GENRE- Indian crime thriller film
RATING- * * * *
DIRECTOR– Navdeep Singh
CAST- Anushka Sharma, Neil Bhoopalam, Darshan Kumaar, Deepti Naval

STORYLINE- When the movie starts Meera (Anushka Sharma) and Arjun (Neil Bhoopalam) are off for a party, which Meera is not very keen on attending. As soon as they reach she gets a work call and has to leave, she leaves alone and once she is on the highway her car is attacked by a group of unknown men. Next morning cops recommend her to keep a gun for her security. Over the weekend the couple is off for a weekend getaway. The two stop by at a dhaba to grab a bite that’s where they witness a group of men dragging a young couple. Arjun interferes but is slapped, pushed back and asked to stay away because one of the guys says that the girl is his sister. Upset and disturbed with the incident Arjun doesn’t want to give up, he chases the black SUV. Meera pleads him not to but he insists he wants to teach the villagers a lesson. He enters the deserted area, gets off the car with Meera’s gun and asks her to stay in. What he witnesses is another case of honor.

G.K. Quiz

By– Anmol Goel (CS– 3rd Year)

1. With which country has India collaborated to study the global climate change?
A) Japan  B) China  C) Ireland  D) Norway

2. Name the scheme that has been launched by the government for redressal of grievances of consumers relating to pricing and availability of medicines?
A) Ausadhi Samadhan Scheme  B) Pharma Redressal Scheme  C) Pharma Jan Samadhan Scheme  D) None of these

3. In which state, the mass nesting of endangered species Olive Ridley sea turtles started near river Rushikulya mouth in ganjam district on 12th March 2015?
A) Goa  B) Gujarat  C) Odisha  D) Andhra Pradesh

4. What is the retail inflation observed in Feb’15 in comparison to 5.11% in Jan’15?
A) 5.37%  B) 6.01%  C) 6.70%  D) 5.9%

5. On which spot of the world, badminton player Saina Nehwal reached after her splendid performance at the All England Badminton Championship last week?

**Answers**

1b) 2c) 3c) 4a) 5b

SUDOKU

By– Anmol Goel (CS– 3rd Year)

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

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  1 2  3  4  5  6  7  8  9
  7  1  4  6  3  5  2  8  9
  9 4 1 6 8  7  5  2  3
  5  2  3  1  6  9  4  8  7
  6  9  8  3  2  1  4  9  5
  3  5  2  9  4  6  1  7  3
  2  3  7  1  8  9  6  4  5
  1  9  6  3  4  7  2  5  1
  5  6  3  2  1  8  9  4  6
  4  8  7  5  2  9  1  6  3
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"The true sign of intelligence is not knowledge but imagination."
Institute News


TOON ZOO

By– Shruti Bhatnagar (EI– 2nd Year)

Another huge event by MESS was conducted on March 25th, 2015 which left everyone nostalgic with a glimpse of their childhood memories. All they had to do was identify certain Cartoon Characters in Round 1, which entertained nearly 80 entries in a pair of two. 2nd Round had 12 selected groups. Bonus round for direct entry to 3rd Round made everyone tied to their seats. Finally, 3rd Round, which was a “Guess & Act” round with a total of 15 shuffled groups ended with following as winners:

Ist prize: Anant Shaurya Gaur EC third year, Smarika Agarwal EC third year, 2nd prize: Salmaan Khushnood ME second year, Parth Dhall EC third year, and the 3rd

CRICKUMBH

By– Shruti Bhatnagar (EI– 2nd Year)

A pinch was added to the world cup fever by EESS this month. The society organized an event named ‘Crickumbh’ on 23rd March, 2015. The event was majorly a quiz related to world cup and cricket facts. Participants were allowed to enter in a group of two. It consisted of three rounds of which first round was a presentation round in which participants were shown the slides which carried the famous persons of cricket world and they had to identify them correctly. The second round was a type of act and guess game in which participants were given a slip on which was written the name of any famous personality and one partner had to act and make the other one understand who the personality was.

The third round consisted of identifying some famous incidents of cricket history.

Colormania 2.0

By– Shruti Bhatnagar (EI– 2nd Year)

This event was organised by EESS society on 13/03/2015 at B-block(1st floor).This event was full of colors & enthusiasm. Number of students participated. Each team consisted of maximum four students. The holi colors were provided to the students and they had to draw something using those colors. Out of all first position was secured by Arpan Bhardwaj ,Deep Manu , Akash Diwakar & Divyanshu Tomar(EC branch 2nd year), second position by Sneha Gupta & Sneha Arora (EC 2nd year), third position by Nitika Chaudhary,Nikhil Talwar, Pura Arkvanshi & Prerna Garg (EC 3RD YEAR ). First Consolation was given to Jaspreet Kaur, Deeksha Singh & Abhilash Rastogi (EC 3RD YEAR ). Second Consolation was given to Rajiv, Poonam, Neeti & Rohit Karnival (EC 3RD YEAR).

Event coordinators were Shuchita Saxena, Pragati Gupta and Ritika Tandon and the student coordinator was Aakriti Mishra(EC Fourth Year).The co-coordinator was Richa Pandey(EC 3rd Year).
THE IONIAN ISLANDS (Greece)

The six core Ionian islands, shepherding their satellites down the west coast of the mainland, float on the haze of the Ionian Sea, their lush green contours, a result of heavy winter rains, coming as a shock to those more used to the stark outlines of the Aegean. The west coasts of the larger islands also boast some of Greece’s most picturesque cliff-backed beaches, whose sands are caressed by a band of milky turquoise water leading to the deeper azure sea.

Tourism is the dominant influence these days, as it has been for decades on Corfu (Kérkyra), which was one of the first Greek islands established on the package-holiday circuit, though the continuing downturn means it does not feel as swamped as in the past. And while parts of its coastline are among the few stretches in Greece with development to match the Spanish costas, the island is large enough to contain parts as beautiful as anywhere in the group. The southern half of Zákynthos (Zante) has also gone down the same tourist path, but elsewhere the island’s pace is a lot less intense. Little Paxí lacks the water to support large-scale hotels and has limited facilities tucked into just three villages, meaning it gets totally packed in season. Perhaps the most rewarding trio for island-hopping are Kefaloniá, Itháki and Lefkádha. The latter is connected to the mainland by a causeway and iron bridge but still has quite a low-key straggle of tourist centres and only two major resorts, despite boasting some excellent

Monthly Health Tips

By– Niharika Verma (ECE 3rd Year)

- Strawberry is a protective fruit, it has highest total antioxidant power among major fruit and they protect our body from cancer.
- Watermelon is the coolest thirst quencher. 92% of it is water, but it boost our immune system and fight against cancer. It contains vitamin C and potassium.

Website an Engineer must know...

By– Niharika Verma (ECE 3rd Year)

- www.discovere.org/discover-engineering/
- www.fun-engineering.net/

Place to Visit

By– Prachi Saxena (ECE 3rd Year)

THE IONIAN ISLANDS (Greece)

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