

IEEE-HKN LAMBDA ETA CHAPTER'S

# COGNIZANCE

MONTHLY E-NEWSLETTER

Hello Readers,

A warm welcome to all the freshers who have stepped in our college.  
and A very Happy Independence Day to all.

Cognizance, the official monthly E-Newsletter of IEEE-HKN (Lambda - Eta chapter), was established in our college in the year 2012 by a group of 9 second year students. The first issue rolled out in October 2012. Since then Cognizance has been readily improving in terms of quality of content, the design and various other aspects.

It brings out news about various BVPIEEE and IEEE-HKN events. Secondly, it brings along some of the best columns, from fashion to gaming, gadgets to poetry, movies to Politics and philosophy to sports. Third, cognizance gives me opportunity to participate in various contests enclosed within which help me in earning the "Congi-money" which can be redeemed later on for exciting goodies.

It has something for each one of us. The spectrum is so wide that no one can claim to have found nothing that suits their interest. One of the astounding traits incorporated is the concept of monthly theme. It's so thrilling to see each column being fitted in accordance with the theme of the issue. The whole issue has the same theme and all the columns whether games, movies or politics come on the same theme.

Cognizance, promises the readers to offer new horizons for those who not only have good writing skills but also for designers to enhance their creativity and techno buds who are keen to know about the new inventions and also for those who can manage the various resources of the magazine. It also promises to give an exposure to students so as to enhance their skills and knowledge.

We hope that we will have a long relationship with you and you keep reading the issues. We always believe COGNIZANCE is for YOU and by YOU.

Again a whole hearted welcome to all the fresher from TEAM COGNIZANCE.  
We wish you all the luck for the future.

# HAPPY INDEPENDENCE DAY

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# EVENTS @ BVPIEEE

Adding another feather to its cap, BVPIEEE organised 'Chakravyuh - the hunt for India's best IT security experts' in association with ISCOI and powered by Kyrion Digital Securities Pvt. Ltd.

Chakravyuh, the Flagship Event of Information Security Council of India, is conducted every year to invite all the Ethical Hackers & IT Security Experts to come down under one roof to participate for the India's Biggest IT Security Event. This year Chakravyuh 2013 was organized at Indian Institute of Technology Delhi on 11th, 12th & 13th July 2013. The chief organizer Kyrion gave the BVPIEEE team an opportunity to be the principal organizing committee of the grand event.

The Chakravyuh event featured the following exquisite and brainstorming rounds:

- Chakravyuh Competition:
- Mini Chakravyuh - Zonal Round at different Colleges across India
- Online Event - 5th July 2013
- Onsite Event at IIT Delhi - 11th, 12th & 13th July 2013

#### Chakravyuh Workshops:

- Loophole - Ethical Hacking Workshop - 7th July 2013 (at IIT Delhi)
- Xploit - The Penetration Testing Workshop - 12th July 2013 (at IIT Delhi)
- Speaker Talks: bringing the best IT experts on one platform to share their experiences and endeavours
- Award Ceremony: To honour the best out of the rest.

The BVPIEEE team, already well known for its coordinated working and an organized and unbiased execomm managed to play yet another winning shot thus adding another memento to its showcase of achievements. The whole execomm worked under various departments of hospitality, documentation and publicity and sponsorship putting on the very last drop of their blood and sweat and making the event a huge success.

The team was well appreciated by the Kyrion group for its immense dedication and the spirit of working which has been so profoundly embedded in each one of its members. The team would definitely be looking for more such ventures to prove its calibre and let the others have a flavour for the passion for perfection of BVPIEEE.

Niharika Singh

(news correspondent IEEE-HKN, BVCOE)



## EVENTS @ IEEE-HKN

The IEEE Region 10 Congress is biennial event, which provides an opportunity for students and young professionals from Asia-Pacific to network with like-minded volunteers and share ideas. Recent editions of the Congress have been hosted by IEEE sections of Singapore (2009) and Auckland (2011). The Hyderabad Section of India hosted the seventh edition of this Congress from 11-14 July 2013 at Taj Krishna, with primary objectives being networking, technology outreach and community engagement activities. This international platform has been remarkably utilized by Lambda-Eta Chapter HKN, to showcase the exemplary achievements and awards of our student branch. A team of four students from BVCOE was sponsored at this Congress, by IEEE Eta Kappa Nu to assist the Educational Activities Board in making the honor society a stronger community in Asia-Pacific region. A booth was put up for two days in the exhibition area of Congress to brief delegates about the benefits of having an IEEE-HKN student chapter and the complete procedure to establish it. Since the selected students have managed to attract the attention of many people from various sections in Region 10, it is expected that this combined effort of HKN and Lambda Eta Chapter shall help IEEE-HKN grow further, transforming BVPIEEE into a distinguished student branch.

Udit Khanna

Student Representative



## Gaming column by Sahil Sevraja

### TOMB RAIDER:

Third Person/Action Adventure/Puzzle Game

Rating: \*\*\*

Developer: Crystal Dynamics

Publisher: Square Enix



I remember back in the early 2000s, me and my friends used to take turns for playing the original Tomb Raider. A long boring game with not so exciting graphics. The game was too long, I never completed it. But, this one is something different, the reboot of the tomb raider series with the amazing LaraCroft. Let me tell you about the storyline of the game: the story starts off with Lara and a crew setting out to find a lost treasure, when they get wrapped up in a freak storm and end up stranded on an island, which is filled with a group of Yamatai's hostile inhabitants. And she must find a way to get off the island and save the crew, which includes her friend Sam, who is taken as a sacrifice to appease their god. This is a younger Lara, and learns a little about herself and what she is willing to do to protect herself and save her friends, and the consequences of her decisions.

The game for sure beats the prequels in terms of graphics and designing. If you haven't gotten a chance to play it and are a little worried about spending the money on it, keep an eye out for sales that I am sure are going to pop up here and there, to help bump the overall sales figures. Quite simply I got sucked into the story and the world and wanted to see how it ends, or I guess how it all got started.



## UPCOMING GAMES

PC DOWNLOAD



By ANMOL BANSAL

## BOOK REVIEW

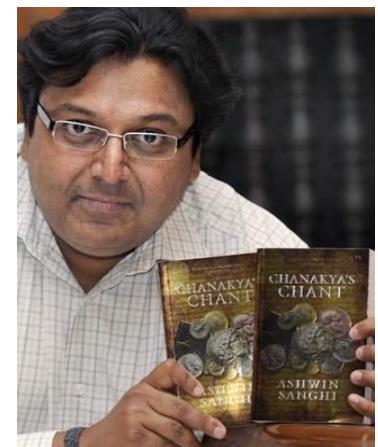
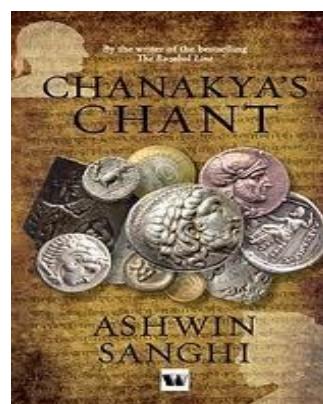
CHANAKYA'S CHANT: by Ashwin Sanghi

RATING: \*\* ½

Chanakya's Chant is the story of Chanakya, one of the greatest political strategists India has seen. The story changes track as it narrates the tale of Gangasagar Mishra, the reincarnation of Chanakya, in parallel. Will he be the next kingmaker? The first story is set in 340 BC, when a young Brahmin man, fuelled by the death of his father, vows revenge against the king and overthrows his rule by bringing in Chandragupta Maurya, the first emperor of the Maurya Dynasty. The scene then shifts to modern day India, where Gangasagar Mishra leads his life as a non-entity, until he decides to groom an ambitious

girl from Kanpur into India's prime minister. Will Chanakya's manipulative mechanisms change the face of the nation again?

Moreover, the modern story of Gangasagar Mishra seems to be a blow-by-blow account of some Bollywood masala flick! If possible, read only for the true story of the greatest Indian kingmaker.



## Movie Review

BHAAG MILKHA BHAAG

CAST: Farhan Akhtar, Pawan Malhotra, Yograj Singh, Divya Dutta, Sonam Kapoor, Prakash Raj.

RATING: \*\*\* \*

'The Flying Sikh' said the others. His was the story that was made for the big screen. And finally, Milkha Singh gets his due.

If there was ever a story that had every flavor of life, it was Milkha Singh's. From being a free-spirited notorious kid to being an army officer, and then of the best athletes ever, Milkha faced it all. It is never easy for a director to portray a life so large on the big screen, and that too in a few hours, especially when sitting in a movie hall for straight 3 hours is considered unacceptable. A few scenes deserve a special mention. Farhan's training before the

1960 Olympics, the slaughtering of the young Milkha's family, and the final Indo-Pak event!

The movie is good, but Farhan Akhtar as Milkha Singh is brilliant! He acts, he runs, he dances, he cries, he does everything in these 3 hours and he does it to perfection. Sonam Kapoor has nothing more than a special appearance, but honestly, you won't miss her. For this is solely a Farhan Akhtar movie!



*BY SANCHIT GUGLANI*

## Monsoon gadgets

With the rains finally arriving, we would like our gadgets to be weatherproof to a fairly large extent, as we know how horrendous the Indian monsoons can get. We may have the best technology available in the market, but with a single shower, our favourite gadget's fate may be sealed, leaving them redundant. So, here are some of DNA Digitals gadget picks that can brave the monsoon.



**Corsair Flash Voyager 3.0** Some of us would like to keep our important data on hand all the time and we would mostly carry it on a USB flash drive as it offers convenience and portability. However, rains can play havoc and destroy the drive leaving it useless in the process. Corsair has introduced the Flash Voyager 3.0, a rugged flash drive that is shock-proof as well as waterproof, thus ensuring your data is safe no matter the weather conditions. This drive features a USB 3.0 interface as well for speedy data transfers. Price: Rs1, 599



**Sennheiser PMX 680 Sports** Adidas and Sennheiser have come out with an ideal solution for the monsoons by introducing the PMX 680 Sports Performance headphones. These in-ear buds stay protected, no matter how heavy the rain may be. These headphones can fit all head types and not only are they lightweight and sturdy, they also remain secure in your ears. Price: Rs2,990

## CONCEPT GADGET OF THE MONTH-NUBRELLA

You know, umbrellas have probably been around for over one hundred years, and in all that time, they have not changed all that much.

As the Nubrella slogan says: "You've Waited Long Enough! Someone has finally changed the design". Best of all, they added hands free. It isn't hard to open and close the umbrella either. Granted, the design is a trifle odd. I mean, look at the people wearing this thing? It's like an oversized space helmet, or something. Weird as it is, it can withstand 50mph winds and rip-stop waterproof nylon. It's definitely the first one that I've seen that can be properly carried on a bicycle, and better than those goofy ones that you can wear on your head like a hat.

There is no word from any source when this will be available nor any hint of a price.



The right to food is finally becoming a lively political issue in India. Aware of the forthcoming general elections, parties are competing to demonstrate — or at least proclaim — their commitment to food security. In a country where endemic under nutrition has been accepted for too long as natural, this is a breakthrough of sorts.

The food security Bill is a modest initiative. It consolidates various food-related programmes and entitlements that have made gradual headway over the last decade. Provisions dealing with food grain entitlements under the public distribution system (PDS) have grabbed most of the attention. Children's entitlements, however, are possibly more important. These include cooked midday meals for all school-going children and nutritious food (either a cooked meal or a take-home ration) for all children below the age of six, mandatory under Supreme Court orders. The Bill also provides for maternity benefits — Rs 1,000 per month for six months — for all pregnant women. This is a small step, and since the benefits are not indexed to inflation, their real value could erode very quickly.

The Bill is effectively what remains of bolder proposals initially discussed at the National Advisory Council (NAC). The NAC's early drafts of the Bill included many provisions that were quietly dropped, one by one, first by the NAC itself and later by the government: social security pensions, special entitlements for vulnerable groups, community kitchens and strong accountability measures, among others.

However, the Bill has many flaws as far as the PDS is concerned. For instance, the identification of eligible households is left to the discretion of the government. In the absence of clear eligibility criteria, no one is really entitled to anything as a matter of right; this defeats the law's purpose. Similarly, the overnight imposition of per-capita food entitlements on a system that is currently based on household entitlements is likely to be

very disruptive. Some of the criticisms of the Bill are trifles ill-informed. Many critics cite wildly exaggerated estimates of the costs of the Bill and barely consider the economic benefits. Others cite a Planning Commission report that found more than half of distributed food grain ends up in the black market. That particular report was published in 2005 and is based on data collected in the late 1990s. Much has changed in the meantime.

A more pertinent criticism is that cash transfers would serve much the same purpose at lower cost. In some circumstances, cash transfers are certainly appropriate. However, there are many good reasons to be sceptical of a hasty transition to cash transfers. The infrastructure required would take a long time to build. The PDS, on the other hand, is in place, and huge food grain stocks — more than 80 million tonnes and growing — are available, so why not make good use of them without delay?

In any case, the Bill doesn't preclude a transition to cash transfers if and when they prove to work better than food subsidies — not just in theory but also on the ground. The immediate issue is not "cash versus food," but to put in place an effective system of income support and social security. Leaving poor people to their own devices is neither socially just nor smart economic policy.

The biggest challenge is to build serious political backing for food security, as has already happened to a limited extent in specific states. Under the cover of supporting the Bill, Opposition parties seem to be trying to scuttle it, out of fear that it will help the United Progressive Alliance stay in power in the next national elections. The government's own commitment to the Bill is not entirely clear. Four years of dilly-dallying are hard to understand without an element of internal resistance. Finally, the Bill is a fraction of what is required to tackle India's enormous nutrition problems. The battle for the right to food is far from over.

By Mridul Miglani

## Embrace the Monsoon

Its just another useless day  
lying besides the window pane  
something breaks my reverie  
ah! its a drop of early rain



So, monsoon has made its mark  
and that too just on time  
it revives me with the sweet memories  
and makes my heartbeats rhyme  
the birds are having a gala time  
I wonder where had they been  
trees are hopping like the kids  
to the rain's melody and sheen

Though I feel like dancing  
and sense the natural bliss  
a thought strikes my mind hard  
yes, I miss my first kiss

I know she is far right now  
still I feel a whole new breeze  
If only she would have been here  
we would have talked for hours with ease

The clouds have gone ballistic  
scorching heat has now slept  
I think even skies have realised  
the wild secrets that I have kept

As monsoon is like water in the drought  
and silence broken by words  
so, don't be angry with the rain  
as it doesn't know how to flow upwards!

## FASHION BLUES by Akshita Gupta

The freshness in the air, the sweet smell of the mud and the lazy cool breeze has not only enchanted me but has started a streak of positive energy inside me, which indeed I am loving . Yet again, mother nature has unveiled ,it's most beautiful phase , and indeed it is the most romantic one. Yes my dear guys and gals, I am talking about the MONSOON ..

On the onset of monsoon, some people wonder, can we manage our hair with the rain water? or will my new expensive shoes, be able to make it up in the rain??Guys, get a life! It's time to brace the rains and believe me all of your worries will seem worthless, once you know how to deal with it and that too stylishly...

For my dear male readers, here are a few tips for you. I know in this season, how much you want to stick to your denims. Go ahead and find the best fit for yourself and while choosing , don't forget that ripped jeans are a big hit this season. Also pairing these denims with cool t-shirts can actually give you the feel of the season.

Opt for earthy colours and not to forget the latest rage "neon colours". Also a good fitted cargo pants with a nice pair of sneakers or slippers can do wonders, only if you choose the right colours (see pic: David Beckham looks so voguish in those cargos..) . Be careful , when you go for those loose Tees, as it might stick to your body, although this could actually become attractive if you have that chiselled body, otherwise you are going to regret it!!!



So to begin with, what about carrying an umbrella , whenever you move out on the streets? Yeah, I know all of them are waterlogged, so how about a durable but a stylish pair of footwear??Also gals not to forget since it is monsoon, it's time to get those floral prints out and sport that cool look. No matter ,what is the length of the dress or the size of your waist, florals always does the good deed....



# THE REIDDLER

- 1.) It walks on four legs in the morning, two legs at noon and three legs in the evening. What is it?
- 2.) I am the beginning of the end, and the end of time and space. I am essential to creation, and I surround every place. What am I?
- 3.) What always runs but never walks, often murmurs, never talks, has a bed but never sleeps, has a mouth but never eats?
- 4.) There was a green house. Inside the green house there was a white house. Inside the white house there was a red house. Inside the red house there were lots of babies. What is it?
- 5.) It is greater than God and more evil than the devil. The poor have it, the rich need it and if you eat it you'll die. What is it?
- 6.) The person who makes it, sells it. The person who buys it never uses it and the person who uses it doesn't know they are. What is it?
- 7.) When young, I am sweet in the sun.  
When middle-aged, I make you gay.  
When old, I am valued more than ever.
- 8.) Until I am measured  
I am not known,  
Yet how you miss me  
When I have flown.

Send your answers at [cognizance@bvpieee.com](mailto:cognizance@bvpieee.com) before 5th September and win exciting prizes  
 Amit sharma and Priyanka sharma, Congratulations you have won 100 cognizance money for  
 Do you know your superheroes Quiz.



Introducing The Cognizance Currency-100,50,20 Rupees. All the contest winners of Photo of the month, I didn't Know that quiz and best articles will be awarded Cognizance Money. Winners can redeem\*\* this money against different exciting prizes whose description is given below.

Gifts and Prizes : PARKER BALL PEN — 100 Cognizance Rupees

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1 GB PENDRIVE — 200 Cognizance Rupees

4 GB PENDRIVE — 300 Cognizance Rupees

SUNGGLASSES — 400 Cognizance Rupees

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