BRACE the SUN

COGNIZANCE

Astounding April

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EDITORIAL

Greetings Readers!

We at team Cognizance are delighted to see your love and support for the magazine and we strive to keep each issue interesting, standing up to your expectations. The theme for this month; 'Brace the Sun' is very appropriate. As the summer heat gains intensity and exams just heating up the environment even more, we have tried to ease the situation a bit. We have tried to 'Brace the Sun' in the Cognizance way, a few quizzes and contests just for you. Hope this issue delights and enthralls you. Don't forget to answer the quiz to win exciting prizes! See you Cognizance followers at 'Fervour'!
Happy Reading!

Regards
Aishwarya Kaul

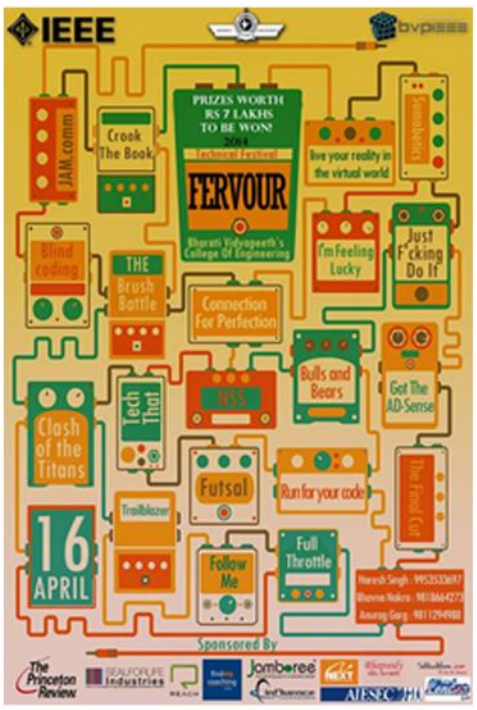
FERVOUR REPORT

Amid much fanfare, BVPIEEE, the IEEE Student Branch of Bharati Vidyapeeth's College of Engineering, conducted the 7th Edition of its annual technical and managerial festival, FERVOUR, on 16th April. The festival, taking on the unique theme of 'Live Your Reality In The Virtual World' this year, was attended by students from colleges all over Delhi besides the students of BVCOE.

The event opened with a grand ceremony that was presided by distinguished faculty- Principal Dr. Dharmender Saini, Vice Principal Dr. Sunil K. Singh, Dr. Vanita Jain, H.O.D., IT Department and Branch Counselor of BVP-ISTE, and Prof. Rahul Bahl, IT Department and Branch Counselor of BVPIEEE. After the fest was declared open, 18 events were conducted at Fervour '14, encompassing a plethora of domains- technical, managerial and literary to name a few.

The flagship event, titled 'National Student Symposium', was a huge success with students from all over Delhi presenting their technical papers.

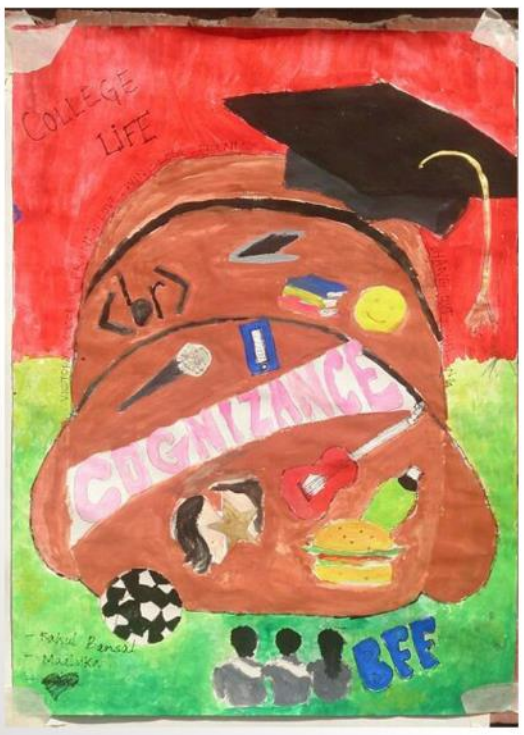
The flagship event, titled 'National Student Symposium', was a huge success with students from all over Delhi presenting their technical papers. All the events presented ultimate challenges to the students, be it the coding event 'Run For Your Code' or the war of bots , 'Sumobotics' or the gaming challenge, 'Full Throttle'! The tradition of quizzing in BVPIEEE continued in Fervour, with two quizzing events being held besides the brainstorming events like 'I'm Feeling Lucky' and the extempore-speaking 'JAM.COMM'. We even had something for the football enthusiasts- Futsal!



Coding, Robotics, Extempore, Brainstorming, Gaming, Mock Stock, Quizzes, Football- Fervour '14 combined them all! Prizes worth 7 Lakhs were won. The eventful day ended with a closing ceremony fitting of the grand festival where the long going tradition of cake cutting was observed.

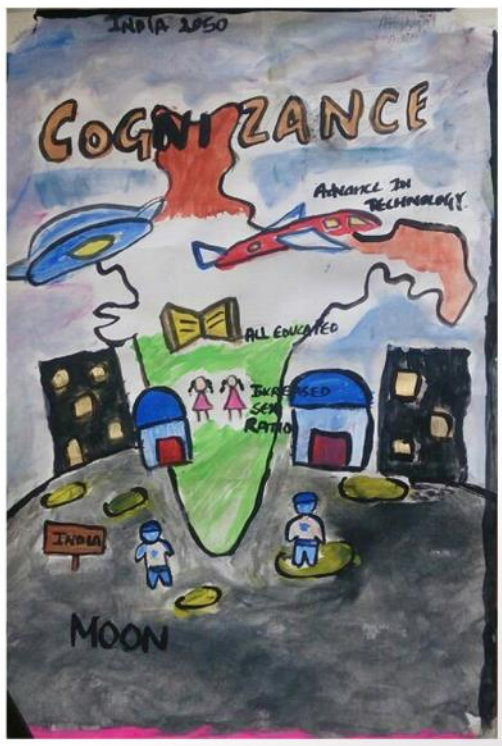
COGNIZANCE AT FERVOUR 2014

Cognizance showed its presence at the 7th Edition of BVPIEEE's annual technical and managerial fest, FERVOUR '14 ,with a magazine designing contest titled "THE BRUSH BATTLE". The event was attended by many designing enthusiasts. A platform was given to students where they could paint their ideas in a virtual world and showcase their talent. In this contest , a cover page was to be painted on a canvas on a particular theme like INDIA 2050, Women in contemporary India, College Life to name a few. About 20 teams participated in this contest. A duration of 2 hours was given to complete the designing work and then the participants had to explain their ideas and submit their work to the judges.Prizes worth Rs.3K were at stake. The winning team made an amazing cover page on the theme 'College Life' and deservedly bagged the prize. The event was a great success!



Malvika & Nitika
CSE, 3rd Year

Arshdeep & Sahil
ECE, 3rd Year



Aditi and Anukriti
ECE, 1st year

APP CENTER

Hi! Friends this edition of my column is dedicated to personalisation of your mobile phones. Make your mobile phone look like yours, customize it totally. The first thing you should do is to change your native android launcher. The usual and boring launcher gives your mobile a dead look no matter how much costly your mobile is. There are several cool launchers are available in android market such as SS launcher, apex launcher, GO launcher, NOVA launcher and many more. But on the top of the chart there is GO launcher EX.

GO LAUNCHER

GO launcher boasts a huge number of customizable options, a plethora of unique widgets and wonderful special effects. Its key selling points include great quality animation that is accompanied with some incredibly smooth and customized operations. Animation makes the scrolling option of the Go Launcher Ex great. One thing I would recommend for those trying out GO Launcher EX is their Calender GOwidget, which is pretty awesome. It gives all the functionality of the Android calender in the widget itself.

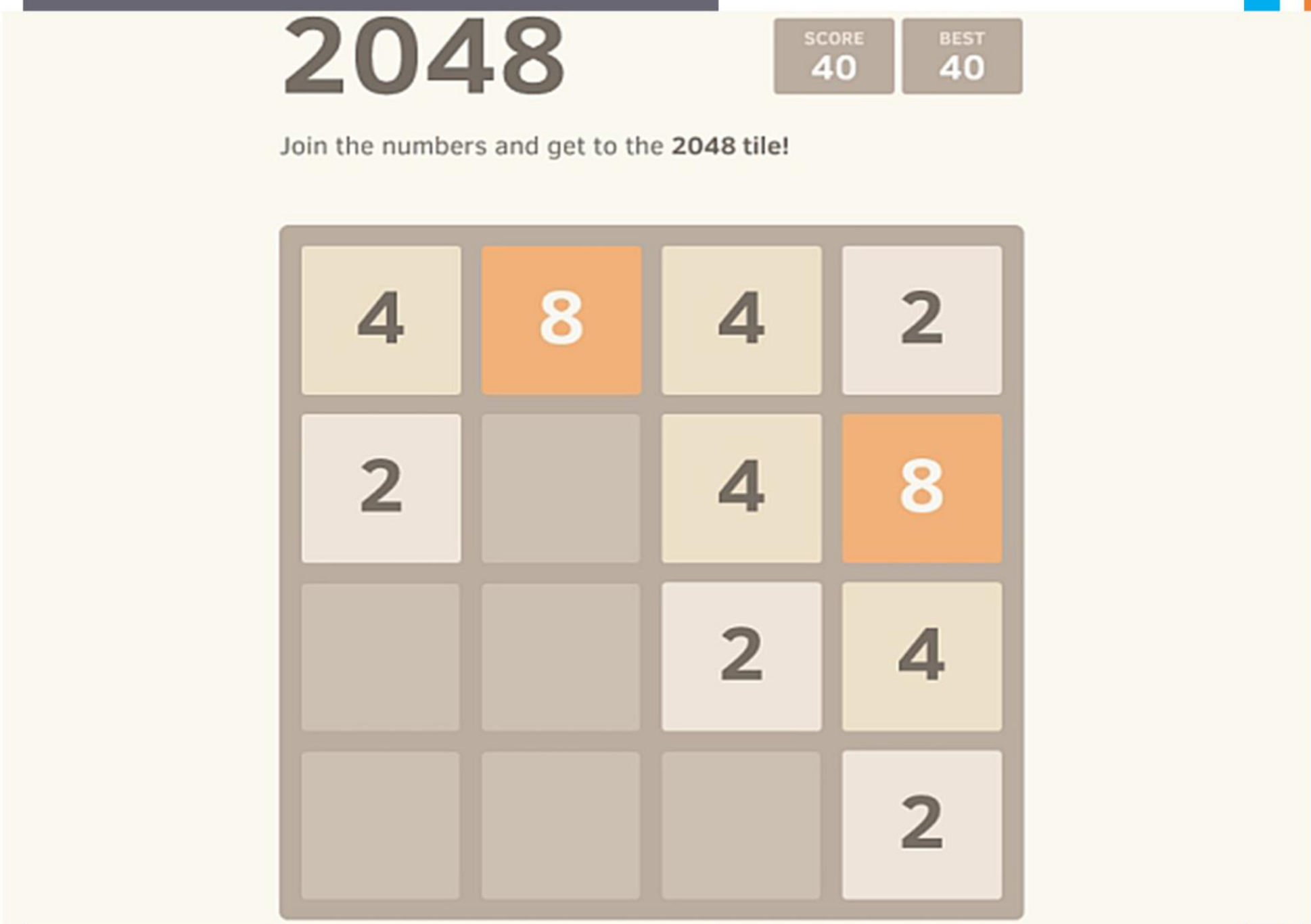
Features of GO launcher EX

- Hundreds of themes
- Fancy home screen transition
- Smooth scrolling experience
- Icon popup menu
- Folder and task manager in app drawer
- Gesture supported
- Scrollable & resizable widgets supported.

by: Anuj Aggarwal

TRENDING

A new Web-based app called 2048 is taking the world of mobile gaming by storm. A deceptively simple numerical puzzle game, it was created by 19-year old Italian developer Gabriele Cirulli. In the game, users have to swipe the tiles to add together 2s and 4s and 8s etc till they get to the number 2048. The game is quite easy to understand and fun. The game was released on 9 March and has been gaining immense popularity.

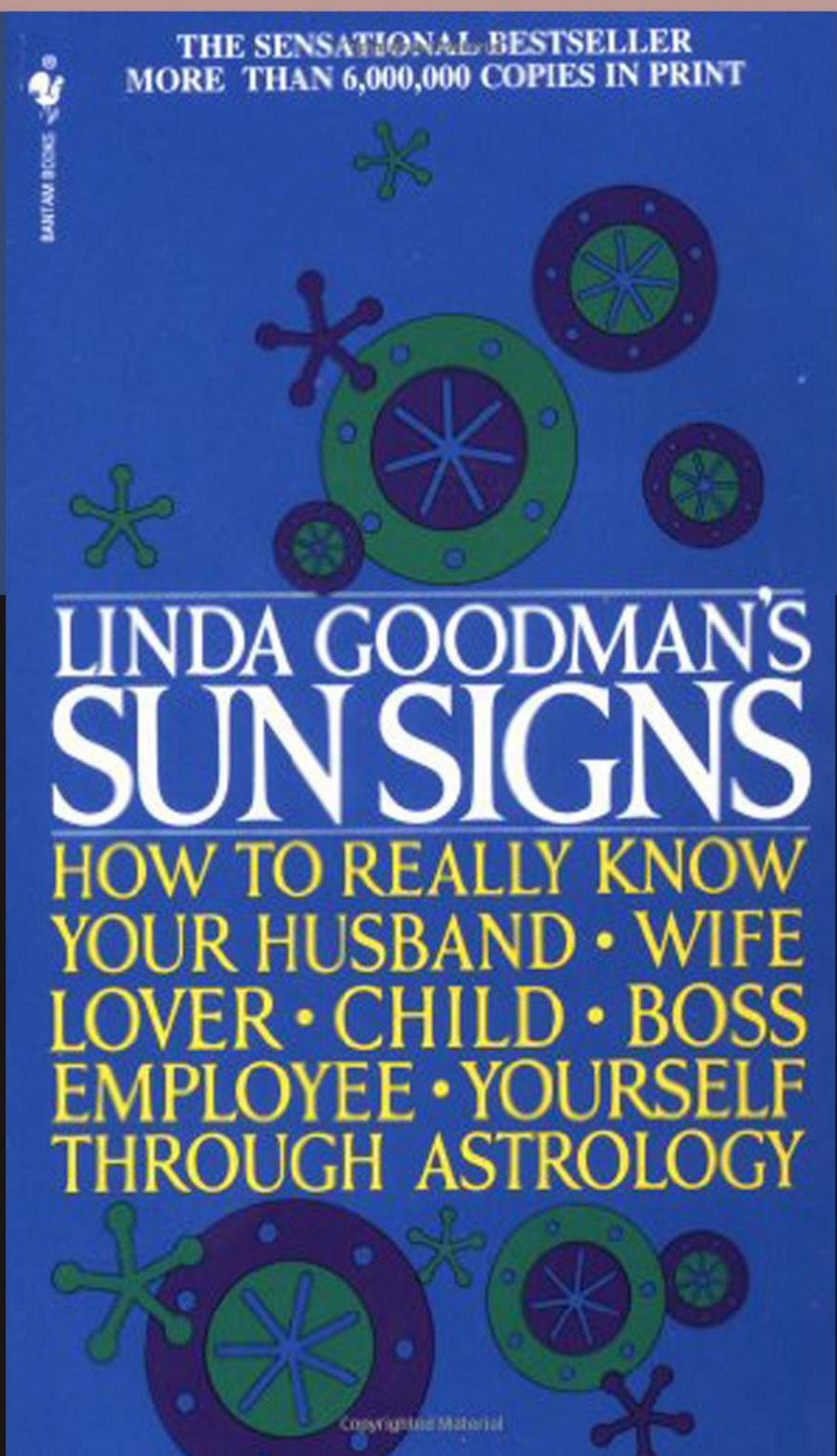


LINDA GOODMAN'S SUNSIGNS

WRITTEN BY :

LINDA GOODMAN

BY: AISHWARYA KAUL



The book is a collection of behavioral patterns, various traits that people of different zodiac signs possess. It explicitly tells us the way people are, for instance the Gemini child, the Gemini boss et al. It is extremely interesting and enthralling to read each page of it. Linda Goodman has done immense research on the human zodiac signs and her observations are extremely accurate. . Me being a Capricorn, I am amazed how Linda Goodman has captured the very essence of the Capricorn's or rather my nature. It gives us great pleasure to read about oneself as written by someone else

The instantiations provided in this book are very intriguing and hilarious. The comparison of various sun signs and the people possessing those signs is explained vividly. She has used amazing phrases like for the Capricorn woman:

So she got up and walked about-
Rather stiffly just at first
And she was afraid that the crown might come off:
But she comforted herself with the thought
That there was nobody to see her,
"And if I really am a queen", she said.

"And if I really am a queen", she said
And she sat down again
"I shall be able to manage it quite well in time"

She has written such phrases for each sun sign and their accuracy of describing the person leaves me gaping in awe.

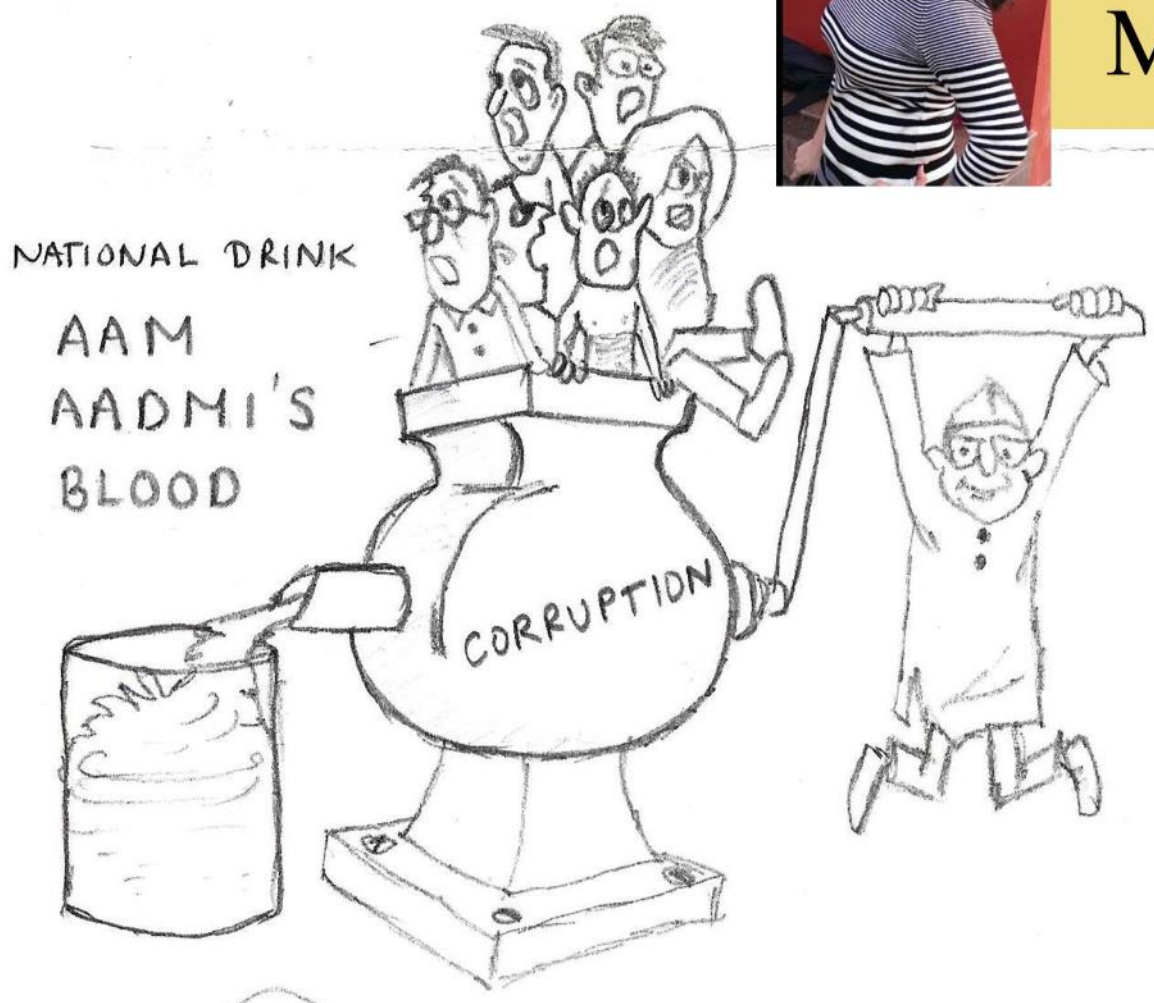
Some people might not relish the book if the particular sun sign does not make them refer to someone they know in real life, it can be very boring for them, they might even never read that particular chapter because it doesn't concern them.

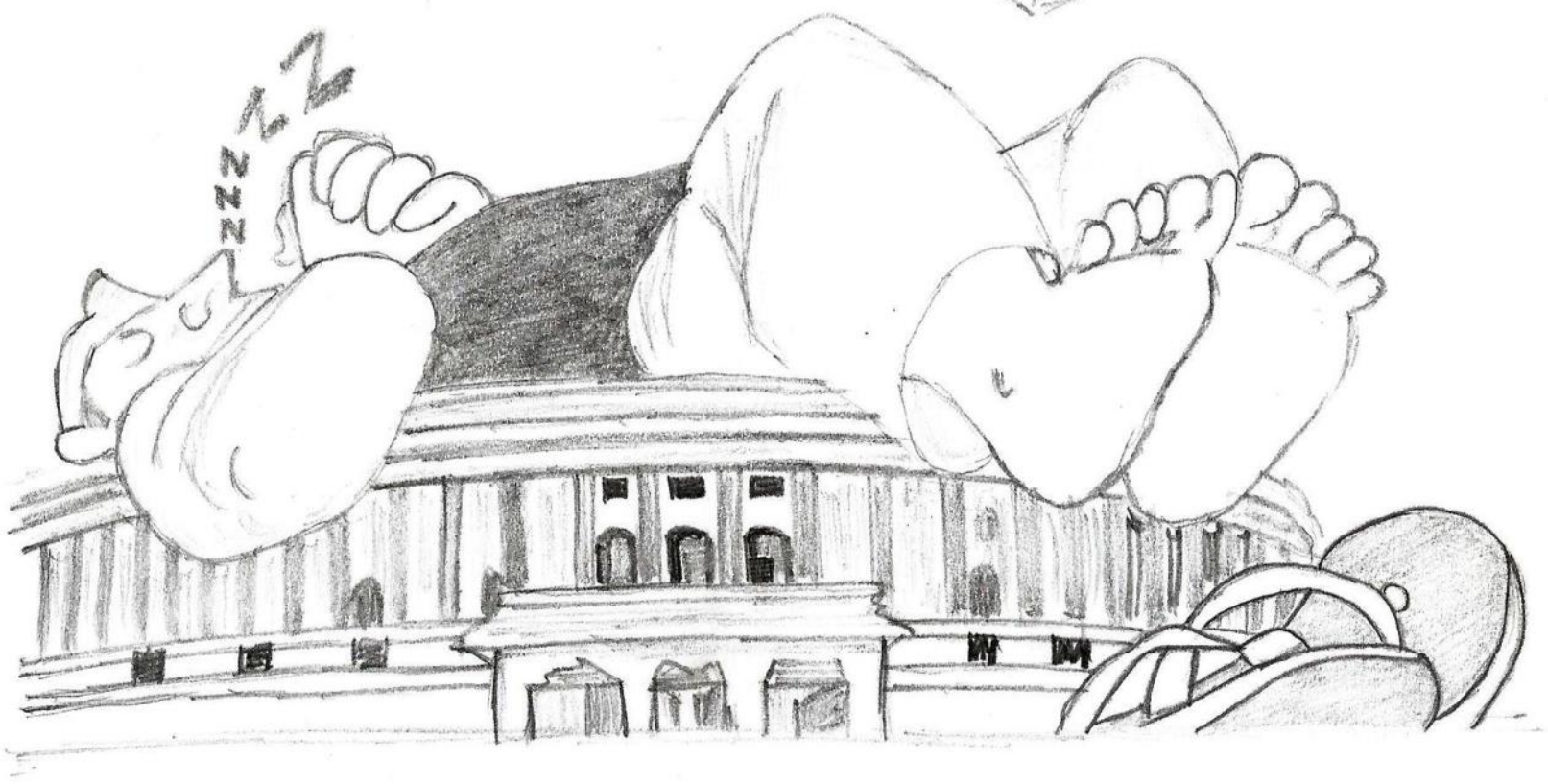
But apart from that, it is a very different and delightful read.

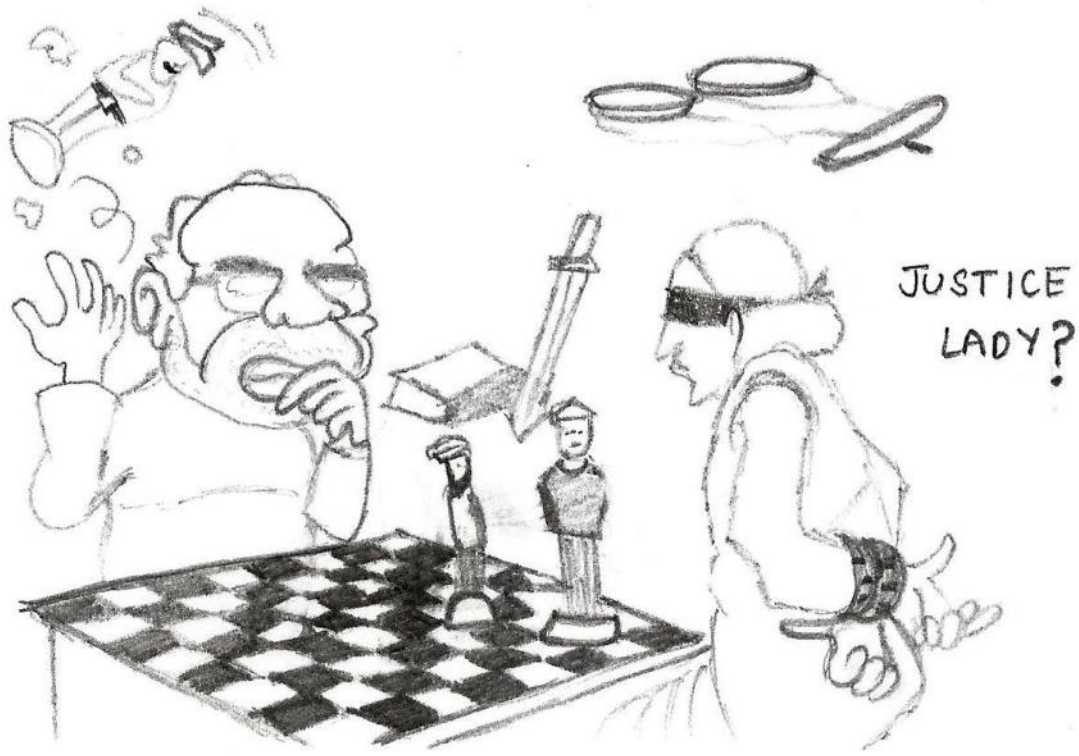
Bedlam in Indian Politics

We definately have the best government that money can buy. start thinking.. Do something.

Payal Mangla







FOR THE LOVE OF SUN...

Warmest of all the seasons -summer is here and coming along is the smiling sun. With this comes the blistering heat and long days in the bright light. Yes we are there. Finally it's time to step out with your glasses on. With the all new collections and styles of sun glasses out in the stores one has every reason to more than a pair of aviators. So, have a look at the different options you have available.

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by : Shreshtha Jain

If yours is an oval face like Jessica Alba then try out the round or rectangle styles.

If you have a square shaped same as Angelina Jolie face then try butterfly or pilot style

Shield, wrap or square styles can go with round faces like that of Mila Kunis.

With your heart shaped face like Selena gomez you should opt for rimless or cat eye style.

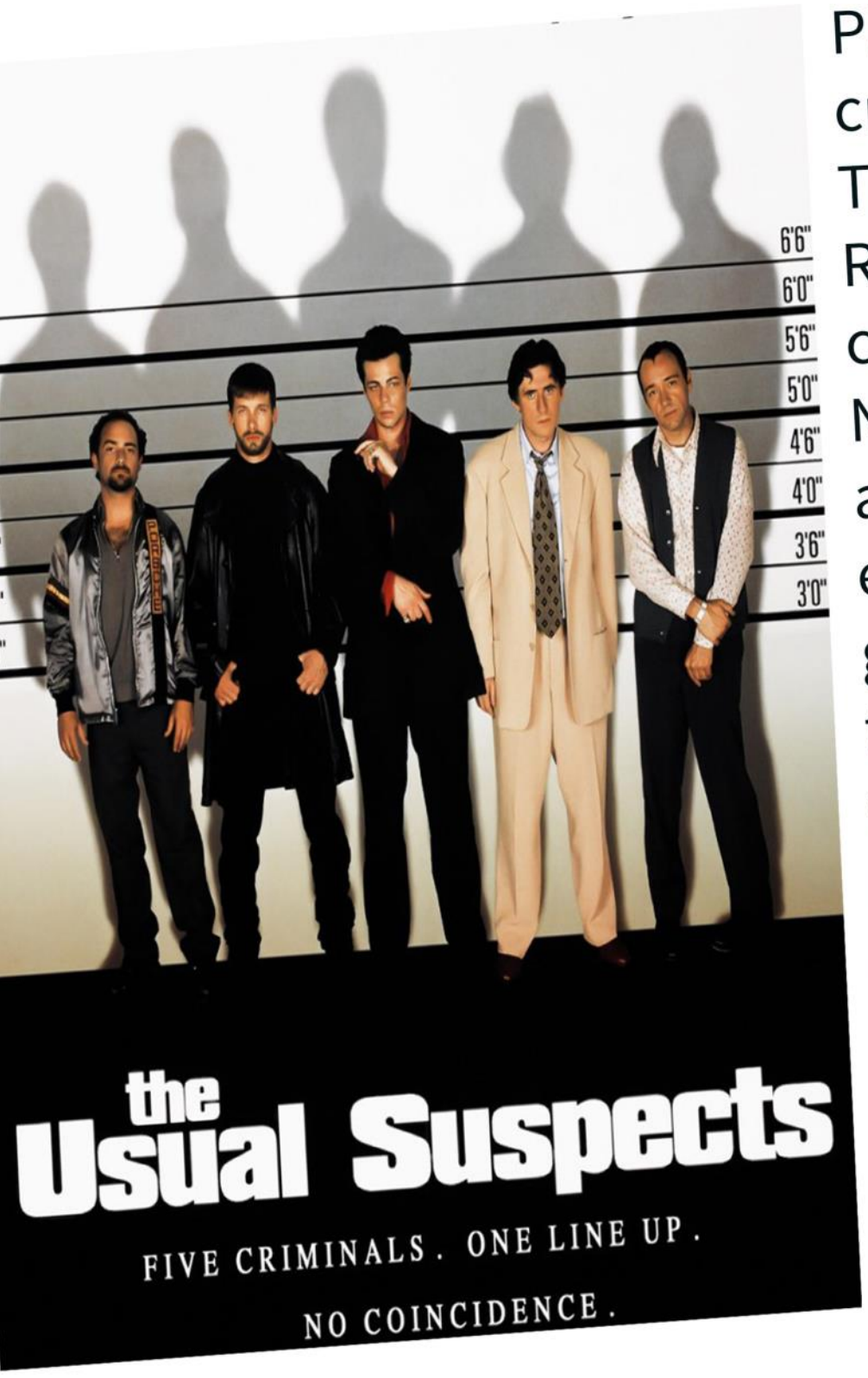
MOVIE REVIEW

BEAT THE HEAT WITH THESE "CHILL OUT" MOVIES

Now it's officially summer and it brings us so many things ! We are looking forward to the months of heat, sunlight, vacations with mercury rising rapidly it would become too hot to go outside. So we are giving review of some new and classical movies to chill out .
So just sit back, cool off, and check out these "chill out" must-see classics as you hide from the heat this month.

by:Anshul Sharma

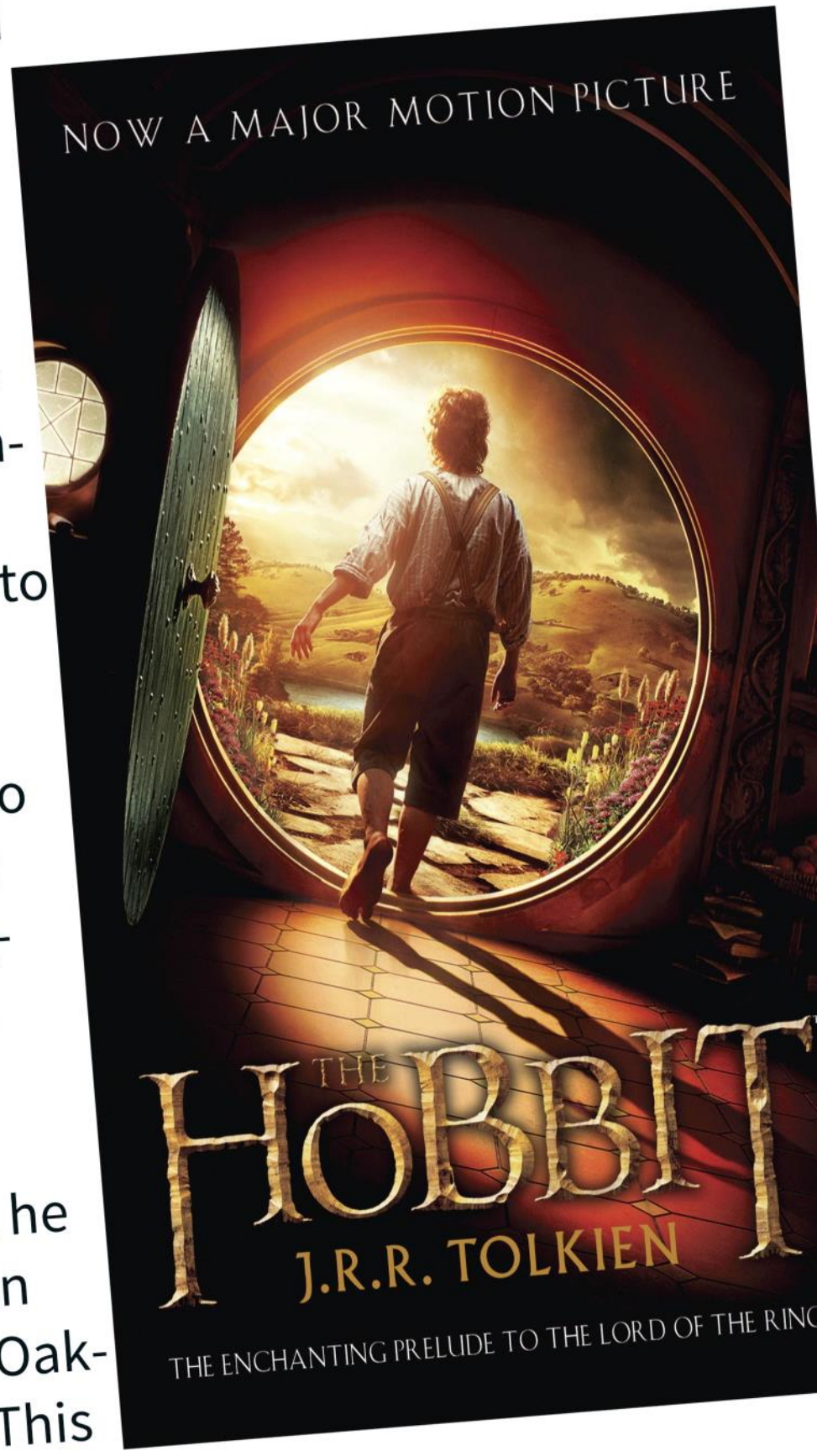
1: The Usual Suspects.



Director: Bryan Singer
Cast: Kevin spacey, Gabriel Byrne, Kevin Pollak.
Plot: The Usual Suspects is a classic crime thriller directed by Bryan Singer. This movie follows the interrogation of Roger “Verbal” Kint (a small-time conman) regarding a truck hijack in New York, different conmen suspected are brought together for interrogation, eventually none of them is found guilty, so they plan a revenge operation against police. Operation goes well, but soon they find out that they are controlled by legendary mastermind criminal called “keyser Soze”. Who forces them to pull another job for him in order to settle their impending score with him(each of them have crossed “ Keyser soze” at some point willingly or unwillingly and must pay back now).But the real question arrises now , who is “Keyser soze”? .Movie builds up a strong plot and follows it throughout the film. Movie is acted to sweet perfection, most notable performance is of “Kevin Spacey”, it is a perfect suspense thriller, and is a must watch.

2: Hobbit (Series)

Director: Peter Jackson
Cast: Martin Freeman, Ian McKellen , Richad Armitage, Benedict Cumberbatch, Orlando bloom.
Plot: “The Hobbit” is a epic fantasy adventure movie series consisting three live-action movies based on novel by same name by J.R.R Tolkien. Trilogy is subtitled “An Unexpected Journey(2012)”, “Desolation of Smaug(2013)”, “There and back again(yet to release)”. The Hobbit is one of the most mystical and enchanting tales of modern times. Movie follows the character of Bilbo Baggins(a hobbit) who is swept into epic quest to reclaim the long lost Dwarf Kingdom of “Erebor”, which was ravaged and conquered by evil fire-breathing dragon Smaug (Benedict Cumberbatch). Approached out of blue by wizard Gandalf, he finds himself joining company of thirteen dwarfs led by legendary warrior Thorin Oakenshield, heir of the throne of “erebor’. This leads to his epic adventure journey though the middle earth to the “Erabor” unknown of the dangers that lie in his path. Movie series is full of adventure, action and light hearted moments that will put a sweet smile on your face, it makes you lost in the another land filled with wonder,magic, mystery , danger and more.This movie series is action packed and entertainer from start to finish.



3: V for Vendetta

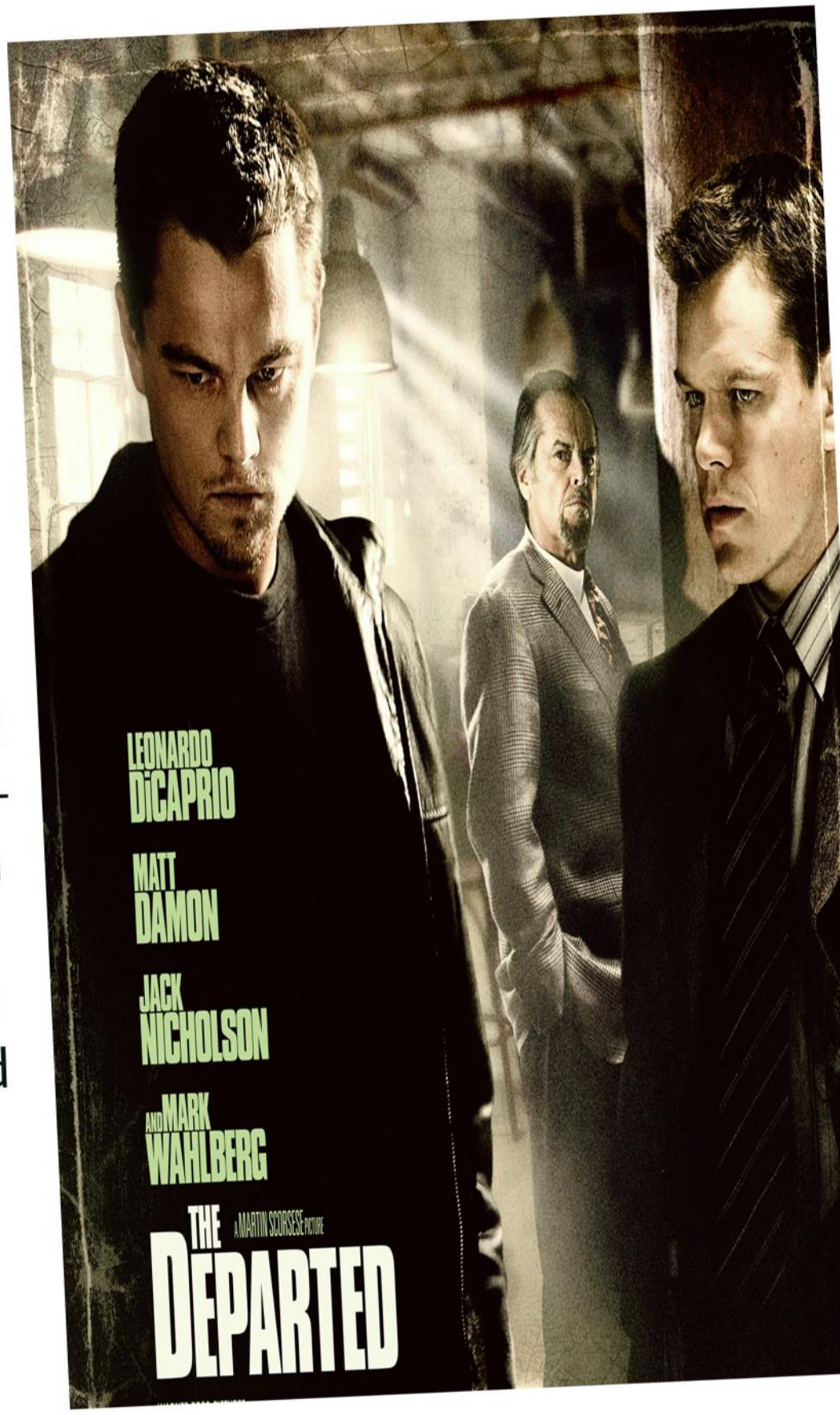
Cast: Natalie Portman, Hugo Weaving, Stephen Rea, John Hurt.

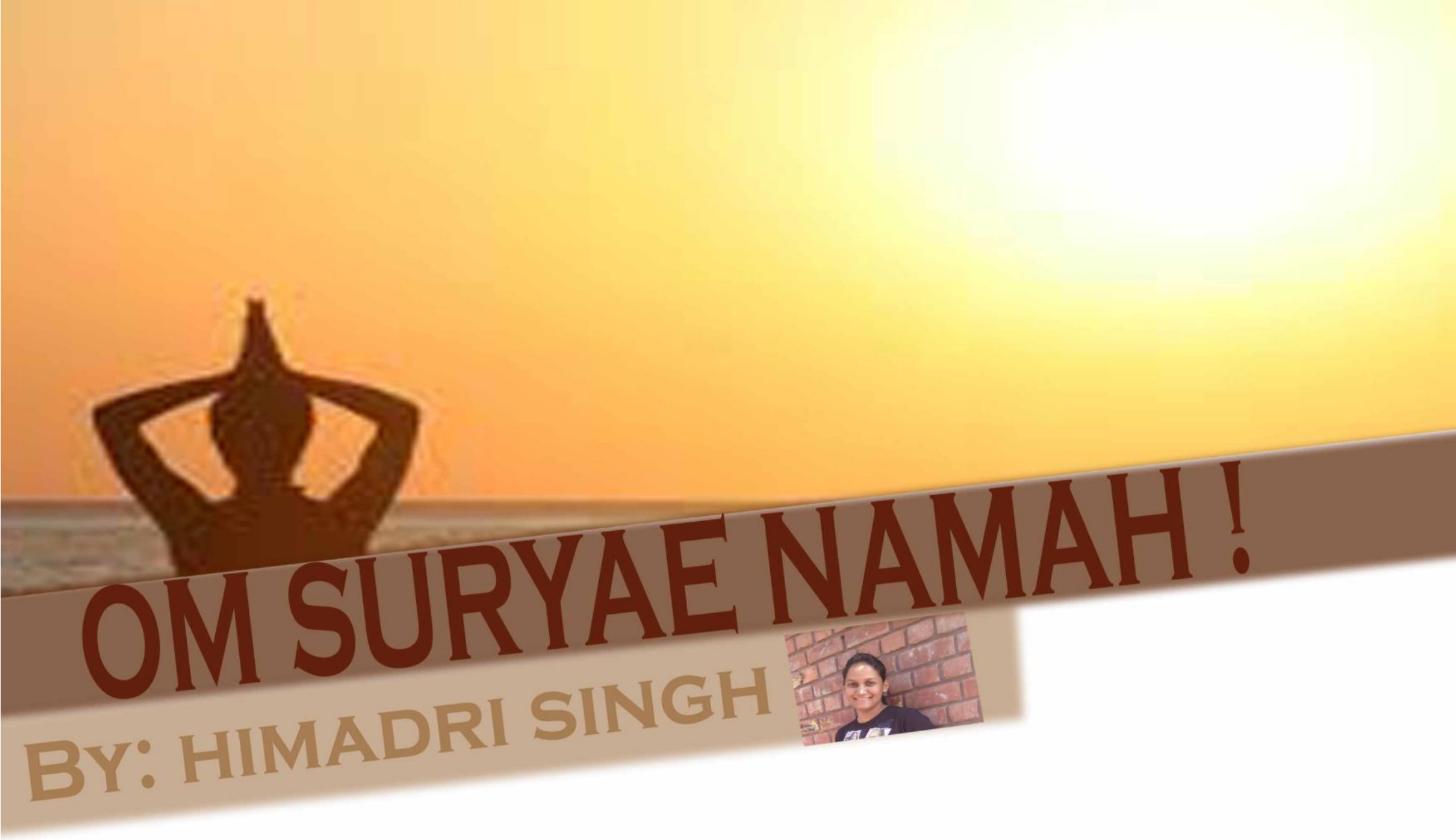
Plot: Movie sets in the future(2020) where world is in turmoil, America has been destroyed due to prolonged War and United Kingdom remains only stable country which is ruled by fascist government ,under it regime society is oppressed ,political opponents, immigrants and many others categorized as "undesirables " are terminated by the government. One man hidden behind the mask of "Guy Fawkes" who identifies himself as "V" stands up against it. He is basically a terrorist , but his motive is not to terrorize the people but instead his goal is to awaken and empower them to throw Britain's corrupt, hate driven government. And movie follows his exploits for the next 12 months until finally he leads a rebellion against government. V for Vendetta is a visually stunning, thought provoking and resonant movie, it conveys the strong, subversive idea in the form of pure entertainment. The ideas depicted in the movie sticks in the mind for long, though dangerous it forces our mind to think about it, movie is that kind of powerful. Performances are top notch. This one is also a must watch.

4: The Departed

Cast: Leonardo DiCaprio, Matt Damon, Jack Nicholson, Mark Wahlberg

Plot: Directed by legendary director Martin Scorsese, it's a classic American crime thriller and is the remake of 2002 Hong Kong movie "internal affairs". This movie is the tale of doubtful loyalties and blurring identities of William Costigan (Leonardo DiCaprio) and Coli Sullivan(Matt Damon) as both try to infiltrate an Irish Gang and Boston Police Department respectively only to realize that both sides has a rat. With the stakes constantly rising and time quickly slipping out of hand for both undercover cop(William) and his criminal counterpart(Sullivan) ,should reveal their counterparts before their own identity is exposed. Leonardo DiCaprio and Matt Damon give brilliant performance maintaining emotionally complexity and element of suspense throughout the movie. Departed is stunning, multilayered, and a piece of art.





OM SURYAE NAMAH !

By: HIMADRI SINGH

With the advent of new year comes the summer season comes knocking at our doorstep with all its vigour and might. The sun holds a very unique and an extremely auspicious place in every culture and religion. Mythologically the sun signifies will -power, fame, general vitality and courage.

In ancient cultures where we find gods with specialized functions we are sure to find a sun god. Many are humanoid and ride or drive a vessel of sort across the sky There may be more than one god of sun. For example: The Egyptians differentiate among the aspects of sun, and had several gods associated to it: Khepri for the rising sun, Atum for the setting sun and Ra as the sun of noon. The Greeks and romans also have more than one sun god.

NAME	NATIONALITY/REGION	GOD OR GODDESS
Amaterasu	Japan	Sun goddess
Arinna	Syrian	Sun goddess
Apollo	Greece and Rome	Sun god
Helios	Greece	Sun god
Hvar khshaita	Iranian/Persian	Sun god
Surya	Hindu	Sun god
Liza	West Africa	Sun god

INTRODUCTION

Surya is a Sanskrit word which means the supreme light .Its the chief of Navagraha, Indian classical elements and important elements of Hindu astrology.He is often depicted as riding a chariot harnessed by seven horses or one horse with seven heads which represents the seven colours of rainbow or the seven chakras.Surya is worshipped at dawn by most Hindus and has several temples dedicated to him across India.He is especially worshipped on Ratha Saptmi, Makar Sankranti, Chhath and Samba Dashmi.

SURYA AND HIS CONSORTS

Surya had three wives : Saranyu, Prabha and Ragyi. Saranyu was the main wife. She was the mother of Satyavrata (the seventh i.e the present manu) and son Yama (the death god) and daughter Yami.She also bore twins the Ashvinis who were divine horsemen and physicians to the Devas.When saranyu was unable to bear the extreme radiance of the sun then she created a superficial entity from her shadow called Chhaya and instructed her to act as surya's wife in her

Chhaya had four children with surya ,two sons Shani and Savarni Manu(the eighth i.e thenext Manu) and two daughters Tapti and Vishti. The sons of Surya are responsible for the judgement of human life , humans actions . Shani provides the result of one's deeds in the course of human life through appropriate punishent an rewards while Yama grants the results one's deeds after death.

In Ramayana, Surya is described as father of Sugriva who helped Rama in defeating the demon king Ravana. The Suryavanshi dyn -asty of kings ,Rama being one of them, also claims descent from Surya.

In Mahabharta, Princess Kunti received instruction for a mantra from the sage Durvasa;by reciting which ,she would be able to su -mmon any god and bear a child by him. Incredulous of the power of this mantra, Kunti unwittingly tests it on Surya ,but when Surya actually appears ,she gets scared and asks him to go back.However , Surya has an obligation to fulfil the mantra before returning.

Surya miraculously causes Kunti to bear the child immediately while retaining her virginity so that she an unmarried princess, need not face any embarrassment or be subjected to questions from the society. Kunti feels compelled to abandon the child , Karna, who grows up to become one of the central characters in the great battle of Kurukshetra.

IN ZOROASTRIANISM

In the Vedas, Surya is frequently referred to "the eye of Mitra, Varuna and Agni" .Lord surya is also considered to be the eye of Purush (Lord Krishna's universal form).This bears striking similarities to Zoroastrian scriptures where the sun is described to be " the eye of Azura Mazda".

IN GREEK MYTHOLOGY

Helios is the personification of the sun in the Greek mythology. Homer often called him Titan or Hyperion and the brother of god -desses Selene, the moon and Eos, the dawn.Helios is described as a handsome god crowned with a shining aureole of the sun ,who drove the chariot of the sun across the sky each day to earth- circling Oceanus and through the world ocean returned to the East at night.

POLITICALLY YOURS

By: Sumedha Arya

The political lines are blurring as the netas are battling it out in the quest for power in the biggest democracy of the world, India. Every tourist coming to India around this time is awestruck by the scintillating dazzle of India's democratic glory which is at its peak in this election season. The general elections of 2014 have a success story to tell. "Vote for Change" isn't a mere slogan anymore. It is the populace's attitude today.

Brace the Sun" seems to be the mood of the nation as well; not political pundits, but voters' turnout figures say so!

The heat wave & soaring mercury levels did not deter the voters, and the turnout percentage has risen from last General elections in the whole of North India.
Muzzafarnagar, the epicentre of the shamed communal riots of 2013, logged a turnout of 68% where thousands of riot victims returned to their villages to vote. Union Territory of Delhi alone saw a turnout averaging 65% points, almost 14% points higher from the turnout in 2009 Lok Sabha elections. once again turned out to be the champion of democracy with a voter turnout of 74%.

Even naxal infested regions of Jharkhand recorded a turnout of 58%,
up by 8% from last elections. This up-surge in the voter turnout shows a change of attitude in the people. Post Anna Hazare's 'Anshan' phase, a general awareness & sensitivity towards governance & politics has swept the masses.

While the urbanites seem to be more impressed by the newly-formed Aam Admi Party and their anti-corruption agenda, small towners seem to be taking the conventional route in their choice of governance. While AAP leaders seem unfazed by the debacle of their governance in Delhi, political pundits assume that they have definitely lost out on some fraction of their followers. While the Muslim vote bank is definitely looking at AAP as an alternative, the middle class seem to be swept by the NaMo wave. Youth is divided on this front. Some are aiming for a dynamic leadership in BJP's Modi, whereas others see AAP as the only resort to curb corruption. The senior citizens and the government employee votebank still seem to stay loyal to UPA. In this situation a clear majority for any party looks difficult.

Therefore political analysts do not deny the possibility of a coalition at the centre. In such a scenario it'll be interesting to watch which party finally calls the shots and gets its candidate inked as the next PM of India.

Elections in many states and constituencies remain, so any conclusions regarding the victor would be false and misleading. How India scores in this political exam shall be seen on May 16, when the final results shall be out. Till then, everyone has their fingers crossed. May the best man win. Jai Hind!

Priyansh
Singh

TECHNICAL COLUMN

I have been waiting for the start of the April for a long time. All the major tech companies bring on the best of April fool's day pranks. And how would it be any different this time? So let's start:
-Google Bring out a method for you to catch pokemons on your phone using google maps. Also 1st being the Gmail foundation day: google has for you a way to change your background to your selfie. And this one in my favourite Coffee to home: if you have a google fibres connection you can get a add on that uses your data and makes you a perfect coffee . How good is that no?

Moving along you remember sphero the awesome bot form CES? The same company has you a selfibot. Okay no one is judging you buy this. The bot will follow you around while hovering and wait for the perfect moment that you don what to miss to capture the image.
April is the month when the BUILD is held. For those who don't know build is the Microsoft's annual developer conference. I was so excited that I didn't sleep for 3 days just to catch it completely. With a heavy heart I will write the most interesting ones here.

Announcing Build 2014

Microsoft has envisioned a cloud first future and they believe that as the devices are getting smaller the cloud is getting bigger and bigger. They have made clear that they want the apps that people build to have a maximum reach and hence the bring the UNVERSAL APPs you have to develop it once and it will run on all platforms.

If you have ever used windows 8 or 8.1 I bet you have hatted the Metro/Modern UI. Guess what they listened to you all the metro apps are going to be run like applications and classic start menu is coming back. Windows is going to be free for all the devices of screen size less than 9". Also we are going have the task bar everywhere even when you are using the metro applications. All applications metro or desktop are displayed in the taskbar

Also, and being a windows phone enthusiast this is my favourite part in the next update we are going to have Cantona! YES! A Virtual Assistant that is better than google+ and Siri. A VA that gives the complete power in your hands with option that allows you to choose what you want her to access and what not. It can make calls for you, send sms and check on weather. It responds in complete natural language i.e. it can understand you, the way you speak. It checks up on your mail and can tell you if you are missing something important. It can look for places near you on the star rating of the place. Can do real time searches and all too.
Also not to forget windows phone gets a swift key

Nokia announced two new smart phones:

LUMIA 930

- Main camera sensor: 20 MP, PureView
- Display size: 5"
- Display resolution: Full HD (1920 x 1080)
- Processor name: Qualcomm Snapdragon™ 800
- Maximum talk time (3G): 15.5h
- Battery capacity: 2420mAh
- Wireless charging: Built-in (Qi standard)

LUMIA 630

- 630 Main camera sensor: 5 MP
- Display size: 4.5"
- Display resolution: FWVGA (854 x 480)
- Processor name: Snapdragon 400 quad core
- Maximum talk time (3G): 13.1h

QUIZ

Q1. How many lines does a Shakespearean sonnet have?
a. 8
b. 10
c. 13
d. 14

Q2. How many subspecies of Tiger are found in the world?
a. 3
b. 7
c. 9
d. 12

Q3. The first Indian movie to be submitted for the Oscars was?
a. The Guide
b. Madhumati
c. Mother India

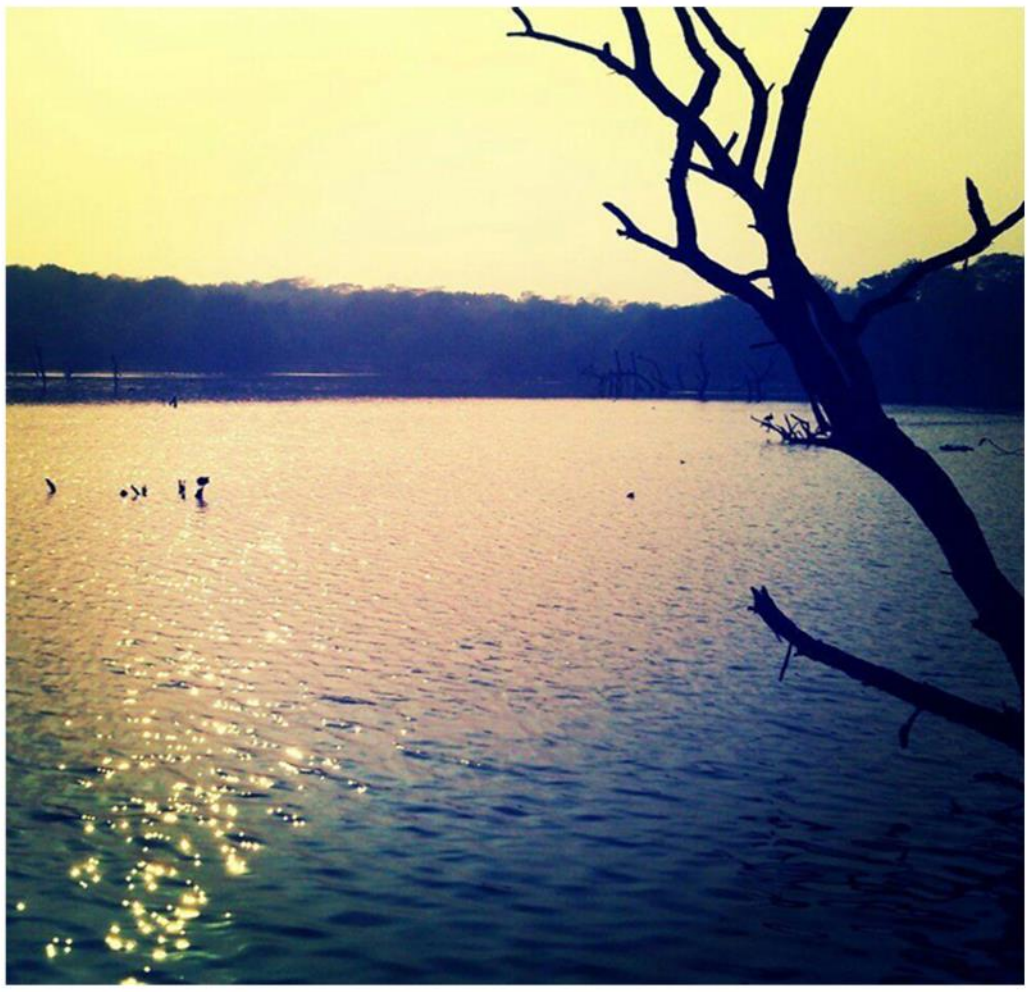
Q4. Which country shares the highest percentage of Indian imports?
a. UAE
b. USA
c. China
d. Russia

Q5. Who is known as the Father Of Indian Space Program?
a. Vikram Sarabhai
b. Homi J Bhabha
c. CV Raman
d. Aryabhatta

Please send your entries at - cognizance@bvpieee.org

Shweta Singh CSE, 2nd Year, Quiz Winner (150) cogni money

Photo Of The Month



Ayush Verma,
ICE, 1st year

Photo winner gets 150 cogni money and runners up 100

IEEE news

Volunteer of The Month

Aman Grag,
EEE, 2nd year

COGNIZANCE TEAM

AISHWARYA KAUL
EDITOR IN CHIEF

DHARVI VERMA
EDITOR & DOCUMENTATION
COLUMNSIT

SUMEDHA ARYA
EDITOR & DOCUMENTATION
COLUMNIST

NEERAJ KUMAR
WEB ADMIN

AMAN GARG
HEAD PUBLICITY TEAM

ANSHUL SHARMA
PUBLICITY TEAM
COLUMNIST

ANUJ AGGARWAL
PROOF READER
COLUMNIST

ARJUN KUMAR
HEAD DESIGNER

SHRESHTHA JAIN
DESIGNER
PROOF READER
COLUMNIST

SHEFALI GARG
DESIGNER

AASHIMA JINDAL
DESIGNER

ARUNIMA SHARMA
COLUMNIST

PAYAL MAGLA
COLUMNIST

PRIYANSH SINGH
COLUMNIST

SHIVAM BINDAL
COLUMNIST

HIMADRI SINGH
COLUMNIST