



THE

BYTE

*An e-Magazine of CSE
Department of IMSEC Ghaziabad*

Digital India



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**November
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THE BYTE TEAM



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LOOK UPS IDE

THE byte

ISSUE XV . NOV 2015

ARTICLES



BY : **AMIT KUMAR GAUTAM**
Assistant Proff.
Dept. of CSE

DIGITAL INDIA

In an order to create participative, transparent and responsive government, Prime Minister Narendra Modi launched the much ambitious 'Digital India' programme on Wednesday, July 1, at the Indira Gandhi Indoor Stadium in the national capital. Top industrialists like RIL Chairman and Managing Director Mukesh Ambani, Tata Group chairman Cyrus Mistry, Wipro Chairman Azim Premji and many others, were among the business honchos who shared their ideas of taking digital revolution to the masses.

Several events were held across 36 states and union territories, covering 600 districts in the country. Information Technology companies were told to organise a mandatory viewing of the speech to be delivered by PM Narendra Modi at the launch of the Digital India Initiative.

What is Digital India?

- ✦ With the launch of Digital India programme, the government is taking a big step forward to transform the country into a digitally empowered knowledge economy.
- ✦ Includes various schemes worth over Rs 1 lakh crore like Digital Locker, e-education, e-health, e-sign and national scholarship portal.
- ✦ BharatNet in 11 states and Next Generation Network (NGN), are also a part of Digital India campaign.
- ✦ The programme includes projects that aim to ensure that government services are available to citizens electronically and people get benefit of the latest information and communication technology.
- ✦ The Ministry of Communications and IT is the nodal agency to implement the programme.

Apps for Digital India

Digital India Portal, MyGov Mobile App, Swachh Bharat Mission App and Aadhaar Mobile Update App.

Vision Of Digital India

- ✦ Digital Infrastructure as a Utility to Every Citizen
- ✦ Governance & Services on Demand
- ✦ Digital Empowerment of Citizens

Pillars Of Digital India

- ✦ Broadband Highways
- ✦ Universal Access to Phones
- ✦ Public Internet Access Programme
- ✦ e-Governance - Reforming government through Technology
- ✦ e-Kranti - Electronic delivery of services
- ✦ Information for All
- ✦ Electronics Manufacturing - Target NET ZERO Imports
- ✦ IT for Jobs Early

Impact of Digital India by 2019

- ✚ Broadband in 2.5 lakh villages,
- ✚ universal phone connectivity
- ✚ Net Zero Imports by 2020
- ✚ 400,000 Public Internet Access Points
- ✚ Wi-fi in 2.5 lakh schools, all universities; Public wi-fi hotspots for citizens
- Digital Inclusion: 1.7 Cr trained for IT, Telecom and Electronics Jobs
- ✚ Job creation: Direct 1.7 Cr. and Indirect at least 8.5 Cr.
- ✚ e-Governance & eServices: Across government India to be leader in IT use in services - health, education, banking Digitally empowered citizens - public cloud, internet access

Benefits of Digital Locker

Digital Locker facility will help citizens to digitally store their important documents like PAN card, passport, mark sheets and degree certificates.

Digital Locker will provide secure access to Government issued documents. It uses authenticity services provided by Aadhaar. It is aimed at eliminating the use of physical documents and enables sharing of verified electronic documents across government agencies. Digital Locker provides a dedicated personal storage space in the cloud to citizens, linked to citizens Aadhaar number.

Digital Locker will reduce the administrative overhead of government departments and agencies created due to paper work. It will also make it easy for the residents to receive services by saving time and effort as their documents will now be available anytime, anywhere and can be shared electronically. To sign-up for your Digital Locker, one needs an Aadhaar card and a Mobile number that is linked to that Aadhaar card Number.

What is National Optical Fibre Network (NOFN)?

NOFN proposes seven lakh kilometers of optical fibre to be laid to connect 250 gram panchayats in three years. Public Wi-fi spots will be provided around the clusters after that and all villages will be provided with internet connectivity. According to Communications and Information Technology Minister Ravi Shankar Prasad, "ten states including Maharashtra, Madhya Pradesh, Rajasthan, West Bengal, Haryana and Chhattisgarh, are ready to roll out the NOFN to facilitate Digital India. Prasad, early this year, had described Digital India initiative as, "India would become a very powerful digitally connected world. This would lead to a good architecture for electronic delivery of service. The entire contour of India is change. India is sitting at the cusp of a big digital revolution." States like Telangana, Meghalaya, Jharkhand also observed Digital India Week (DIW) from July 1 to July 7.

NASA'S THREE STEP PLAN FOR PUTTING A HUMAN ON MARS

For decades, NASA has been working to send humans to Mars. Now, the space agency has revealed a detailed plan for how to get there by the 2030s

In a new report titled "Journey to Mars: Pioneering Next Steps in Space Exploration," the space agency lays out a three-stage program for developing the technology and logistics necessary to reach Mars and establish a sustainable colony on the planet's surface. While there is no set date for a crewed mission, NASA scientists hope to have colonists working and living on Mars within the next few decades.

"Like the Apollo program, we embark on this journey for all humanity," NASA writes in the report. "Unlike Apollo, we will be going to stay."

The report outlines three major phases that will hopefully lead to an operational Mars colony. The first, titled the "Earth Reliant" stage, is already underway aboard the International Space Station as NASA continues to test new technologies that might make a deep-space mission possible.

Of particular interest, is how the human body holds up during long-term space missions, Avaneesh Pandey writes for International Business Times. Currently, space agencies only allow astronauts to spend a limited amount of time aboard the space station since the extended radiation exposure and weightlessness can tax the human body.

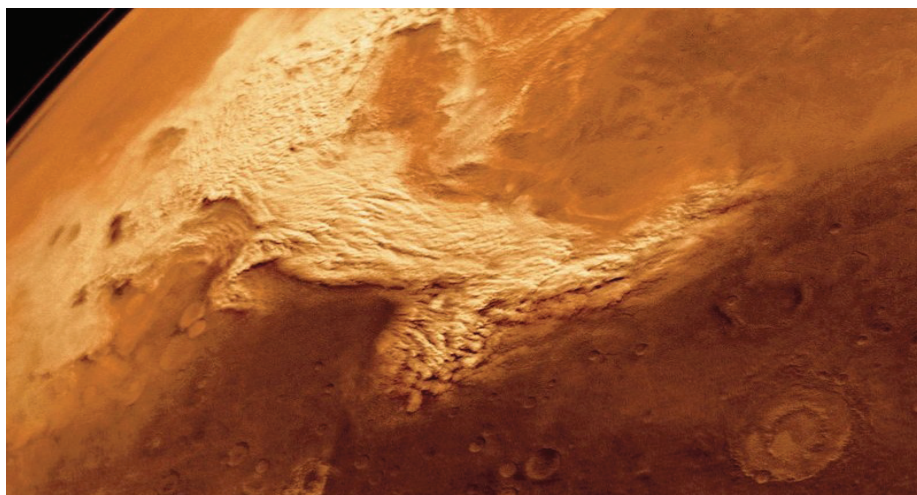
NASA is also working on developing new ways to power and communicate with vessels destined for deep space, like solar-powered engines and lasers for rapid communications with Earth.

In the second stage, called "Proving

Ground," NASA will learn how to perform complex tasks during longer missions into deep space. They'll venture beyond the space station, mainly working in the space around the moon. The goals for this stage include testing deep-space habitation facilities as well as capturing an asteroid and bringing it back into orbit.

The final "Earth Independent" stage will mark the launch of NASA's first manned spacecraft to orbit Mars and eventually establish a Martian colony, Sarah Knapton reports for The Telegraph.

While the report lays out a road map for the years ahead, there is still a lot of work to be done before people can safely voyage to Mars. But according to NASA's report, it will be worth the wait: "With humans on Mars, we will be able to advance science and technology in ways only dreamed of with current robotic explorers."



The creator of Android thinks the next big thing isn't in mobile

Andy Rubin, the "Father of Android," announced on his 50th birthday in October 2014 that he was passing off the division and leaving Google.

"What am I going to do for the next 10 years of my life? Am I going to fight for one percent market share or am I going to make 10 more Androids?" Rubin said of his decision to leave.

After taking a break to mow lawns, he joked, Rubin has returned to tech as a venture capitalist with a passion to look for the next frontier beyond the market-dominating Android operating system he created.

Rubin created Playground Global, a new venture capital fund and hardware incubator that closed a \$300 million round on Monday. Part of its mission is betting on the next big thing, "the thing beyond the mobile or the tablet," Rubin explained.

"Mobile isn't going away," Rubin said, assuaging an audience gathered at a mobile conference. "There is a point in time - I have no idea when it is - it won't be in the next ten years, or twenty years - where there is some form of AI, for lack of a better term, that will be the next computing platform."

With the rise of connected devices like smart thermostats and door locks, the world generates even more data. Simultaneously, computers are getting better at absorbing that data, learning from it, and making decisions like whether to lower or raise the heat in your house.



"When you spend all your time interacting with a screen, you have to start thinking about things that don't have screen," he said.

Take ConnectedYard, a startup Rubin has already put money into. The company places its pHin device, a teardrop shaped floating pod, to measure PH in your pool. It may seem like a small idea, but the device isn't just feeding data into your phone passively, Rubin explained.

Instead, the startup orders pellets and delivers them via FedEx so people can dump them in their pool to take corrective action without the owner needing to even know what's wrong in the first place. It's not easy, though, to get from sensing that a pool is out of balance or that the heat is on too high and knowing what steps to take in this particular environment to get it back to normal.

"The thing that's going to be new is the part of the cloud that is forming the intelligence for all of the information that is coming back," Rubin said.

YouTube Will Completely Remove Videos Of Creators Who Don't Sign Its Red Subscription Deal

Both creators and users have been asking for a YouTube subscription service and that's why we built YouTube Red. Today, the overwhelming majority of our partners, representing nearly 99% of the content watched on YouTube, have signed up. Videos of partners who don't update their terms will be made private, but we remain committed to working closely with these partners with the goal to bring them on board.

YouTube made its top video creators an offer they literally couldn't refuse, or they'd have their content disappear. Today YouTube confirmed that any "partner" creator who earns a cut of ad revenue but doesn't agree to sign its revenue share deal for its new YouTube Red \$9.99 ad-free subscription will have their videos hidden from public view on both the ad-supported and ad-free tiers. That includes videos by popular comedians, musicians, game commentators, and DIY instructors, though not the average person that uploads clips.

It's a tough pill to swallow that makes YouTube look like a bully. Though turning existing fans into paid subscribers instead of free viewers could earn creators more than the ad revenue, forcing them into the deal seems heavy-handed.

[Update 10/23/15: The takedowns have already begun. Today ESPN had to remove most of its videos from all versions of YouTube in the US. Because its other contracts prevent it from being on subscription services like Red, ESPN's videos are now disappearing from the ad-supported tier of YouTube in the US.]

Google says the goal is to offer consistency, so people thinking about subscribing to Red don't have to worry about their favorite content not being available in the ad-free service. But there's no explanation why it couldn't just flag videos of those who don't sign the deal as "Not On Red", and instead had to go with a sign-or-disappear strategy.

According to Chief Business Officer Robert Kyncl at today's YouTube Red launch event, 99% of content consumed on YouTube will be still available, noting that the vast majority of creators signed the deal. But they didn't have much choice, otherwise they'd lose out on both the previous ad revenue, the new subscription revenue, and the connection with fans.

Kyncl says YouTube will pay out "the vast, vast majority of revenue" to creators, but he repeatedly refused to detail what that percentage would be. Subscriptions music service Spotify pays 70% and Apple Music pays 71.5%.

Earlier this year, a change to YouTube Partner Program Terms said creators would be paid just 55% of revenue. That would be comparatively low.

The money will be split up according to watch time, so creators with longer videos could benefit more than quick clip producers. And to be clear, the removal situation and deal only apply to YouTube partners — very popular creators who already had a deal to earn 55% of ad revenue from their videos. Normal people uploading home videos to YouTube don't have to worry about any of this.

It's unclear how Google Play Music rights holders will be impacted. If the same percentage or lower of subscription revenue is now split between music makers and YouTubers, each stands to get paid less. However, I've received unconfirmed word from YouTube that isn't exactly how it works, so stand by regarding what this means for Play Music rights holders.

While Red might offer creators more revenue per user and be good for most of them, they were still coerced into the deal.]

In theory, if YouTube presented an offer that made creators more money without a significant loss of control, they'd happily volunteer. But the coercion involved. It sets an alarming precedent about how YouTube and Google might work with creators in the future. Being the defacto video platform of the Internet affords it enormous strength behind its threat of removing their content if they don't play ball. So what's to stop it from altering the deal any further?

Google has been criticized before for using its massive reach inappropriately, especially around how Google+ and Google Places have received priority in search results. Now it's clear that YouTube is prioritizing what it calls a "consistent" user experience where content is always available in its free and paid service over the wishes of the content owners themselves.

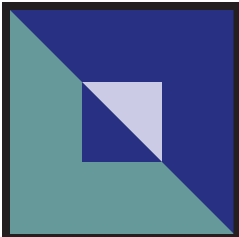
L O O K U P I N S I D E

THE byte

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LATEST

TECHNOLOGY



Boombox Helps Publishers Add An Interactive Touch To Their Content

THE BYTE
Nov 2015



Quizzes! Lists! Quizlists! Okay, I made the last one up. My point is, it seems like publishers are always trying something new to keep visitors clicking and reading. But if you don't have a giant pile of cash from investors, it can be tough to keep up. Hence the launch of a new product called Boombox was created by a Lehi, Utah-based startup called Movement Ventures (note: not actually a venture firm). Movement previously created standalone quiz and poll products, called Qzzr and Pollcaster, which were used to ask readers questions like, "Which TED Talk are you?" and "What Color Is This Goddamn Dress?"

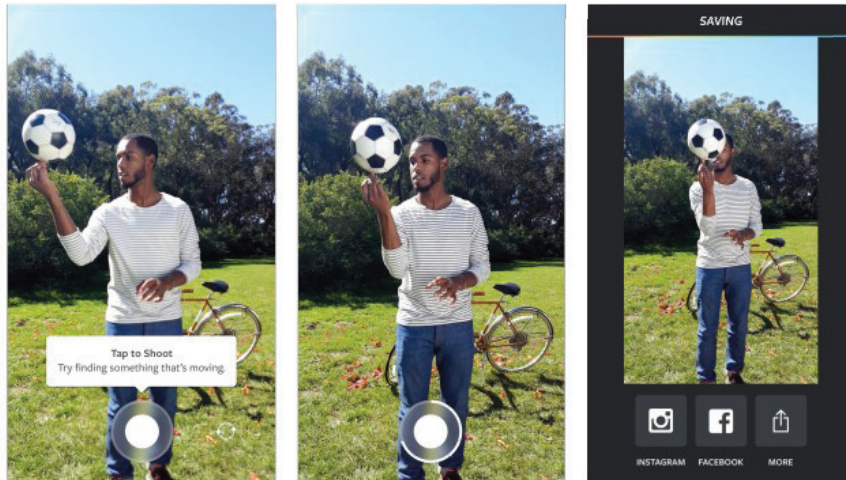
Co-founder/CEO Josh Little said the aim for Boombox is to build a broader suite of products that publishers need to introduce "BuzzFeed-like engagement" to their content. "As the web becomes a more immersive and personalized experience, both the audience and the publishers have a desire to create those experiences," Little said. "The limitation for many publishers and brands especially is they don't have the engineering teams or even the budget to go build these tools."

As Little's comment suggests, Boombox isn't just for online news publishers, but also for any brand that wants to connect with its customers through content marketing. At launch, Boombox includes the existing poll and quiz capabilities, with plans to add a list-making product soon. Beyond that, Little suggested that he's interested in interactive charts and maps. Publishers can also export data from Boombox to learn more about the audience engaging with these widgets.

The product is free, with a paid version that includes additional features like removing the Boombox branding. Movement Ventures is also announcing that it has raised \$5.5 million in Series A funding led by Pelion Venture Partners, with the aim of continuing development on Boombox.

Instagram's New Standalone App Boomerang Captures 1-Second Video Loops

Instagram is a free photo sharing application that enables its users to take photos, apply filters, and share them on social networks such as Facebook, Twitter, Foursquare, Tumblr, Flickr, and Posterous. It allows its users to capture and customize their photos and videos with several custom-built filter effects.



Instagram doesn't want its feed getting stale, but doesn't want to bloat its app with extra features either. So today it's launching Boomerang on iOS and Android. It's a dead-simple app where you shoot a one-second burst of five photos that are turned into a silent video that plays forwards and then reverses over and over in a loop. Boomerangs are automatically saved to your camera roll, but can easily be shared on Facebook, Instagram, or elsewhere since the app doesn't have its own feed. The app doesn't require an Instagram account and you don't even have to log in.

Boomerang works suspiciously similar to Phhhoto, an upstart Instagram competitor for shooting tiny GIFs that Instagram cut off from its friend-finding feature in April. And the idea of turning burst fires into an animation is

reminiscent of the Google Photos animation feature, though you have to shoot Boomerangs in-app. Instagram doesn't seem afraid to look at what's exciting photo sharers and see if it can work that into its product, even if it gets called out for copying.

But for the record, this app isn't much like Vine. It's more like Apple Live Photos in that it zeroes in on a very specific moment. You might be asking why we need a 1-second video app if we already have 6-second and 15-second apps. Well, it's because most people are terrible at scripting videos that are even that long. It's tough to be boring when you only have 1-second.

Boomerang follows the strategy of Instagram's previous standalone apps Hyperlapse (time-lapses) and Layout (collages). If it succeeds too, Boomerang could further help spice up Instagram's five year old feed.

That's important as Instagram competes for the teen demographic with

Snapchat, which is constantly adding fresh features like animated selfie lenses and geofilters to stay dynamic. Hopefully instead of the same old sunsets, lattes, and babies, Boomerang will bring a burst of something new to Instagram.

Though "Babies are really, really fun with Boomerang" the app's Product Manager John Barnett tells me. The app was originally conceived by a small group of Instagram's Android engineers at a hackathon in July. "It was something we built just for fun for us to

play with as a team" he says. But as the larger group of Instagram employees fell in love with the app, they realized it might be entertaining for the whole world. The core crew who birthed Boomerang was just five people.

The first thing you'll notice about Boomerang is how few buttons there are. There are literally only two screens. Since you don't have to log in, you start on the camera.

Tap the shutter button in normal or selfie mode, and Boomerang captures five quick shots over the span of a second. Barnett says the iOS version of the app will actually make things look a little better, as it does image stabilization in a way Android doesn't allow to keep clips from making you dizzy. Then Boomerang shows you your infinitely looping creation. Instagram speeds up the clip to approximately double-time so the back-and-forth loop goes by in about a second. That slightly fast-forwarded feel makes everything a bit funnier and more stimulating.

L O O K U P I N S I D E

THE byte

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LITERARY

BY :
HARSHITA AGARWAL

CS-1 2ND YEAR)

NATURE- A MIRROR (PRAKRATI- EK DARPAN)

Nature.....nature is everything or I can say everything is nature. Nature is a greatest gift of god, a teacher, a friend and a **MIRROR**. Whatever we do, whatever we think, whatever we say, whatever we feel and whatever we get everything is related to nature and answers to all these “what” is hidden in nature only. So I can say “**NATURE GIVES A REFLECTION OF REALITY**”.

Here are some examples which relate nature to our real lives:-

Two people living together found that their thinking do not match but after sometime or I can after a long time their thinking matches with each other and then they become comfortable with each other as similarly if we look into the nature we find two rivers from different origin flowing separately but in same direction seems to have different colours but after covering a long distance when they meet at point their colours mix with each other and the water of both rivers now have a same colour at that point and after that. Similarly it takes time for the adjustment between two people.

“nature often holds up a mirror

so that we can see more clearly the ongoing processes

of growth renewal, and transformation in our lives”.

A person who is very disappointed , downhearted, impatient, facing many problems of life, suffering from isolation , feeling low, having no one's support have to leave everything as it is only and let everything to just go in its natural way and after some time everything will be settled and become normal and the person will find the way to move on .Similarly when we look into the nature when a heavy storm comes and creates disaster then its vain to move here and there instead of just standing at a place with no actions and waiting for the storm to stop and after sometime storm stops and a clear sky is visible. So whenever a trouble comes it has surely an end, what we have to do is just to wait for the bad times to pass on and good time will surely come after a bad time.

“we can best understand the nature of this culture

if we say that it found its truest mirror in a corpse”.

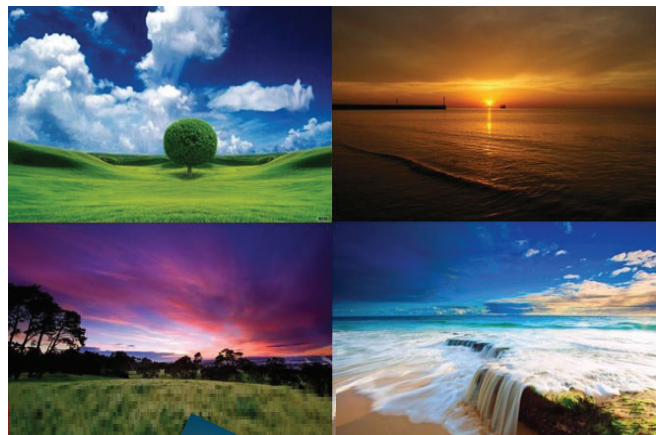
So, looking at these examples we see that at every point of life whenever we are in trouble and no solution to that problem is visible to us then just look at the nature and you will find answer to every problem of your life hidden somewhere in nature and all we need to do is to explore the nature.

Life is an ongoing process and happiness and sadness are two aspects of life and nature is a mirror in which we can look at find the way to follow.

So I conclude saying that

“look deep into nature, and then

You will understand everything better”.





Working FOR Women

YOUR JOB YOUR RIGHTS

BY: Deeksha Upadhyay , IT(2nd year)

Today there is no field where the women have not shown their worth. From holding highest public office in bureaucracy to holding highest political position, the women have shouldered all kinds of responsibilities with grand success. A lot of change has taken place, in their position in this man dominated society. With this gradual transition from household life to working women the sufferings of women have increased manifold.

The women were the centre and foundation of the social and cultural life of the family. Men make houses and women make homes' is the traditional belief. The duties of woman were just contained to bring up the children, and caring every family member with her loving and amiable, characteristics which she naturally owes. It was the traditional faith that man is for thy field and woman for the home.

Today the women enjoy equality of status, equality of opportunity with men. She became financially independent and economically sound, she became the major decision maker, and she became the policy maker in various new fields. She ventured into outer field During office hours she has to work equally or say more sincerely than her male counterparts. She has to fulfil her duties at home even after office hours. The working atmosphere in the offices, particularly, for the women is also not so congenial. Most of the male counterpart treat the woman an easy scope goat for fulfilling their sexual desires.

The incident of intentional touching, double meaning dialogues, unwarranted comments, piercing in her private affairs are some of the common examples which create lot of irritation and make the women unnecessarily defensive. The incidents of one side sexual advancement by the boss, staring at her body parts, alluring her with quick promotion in return, are generally to be faced by a working woman. With women entering into new fields, she become more vulnerable to the dangers like eve-teasing, sexual advancement, transfers, etc. The women can only explain to have frights and hardships experienced by her while working in office.

In the present male dominated, patriarchal society, people find it difficult to accept the women as independent personality. In addition to these hardships, the women are bound to play the traditional role of child bearing and child rearing. She can't desist from her role as a mother and as a wife

Our society had been a male dominated society; the changes are gradually being digested. With necessity of time absences of joint families the financial independence of women are making the male absorb the change slowly but gradually.

I'd love to see more women working as Managers and CEOs...



This 18-Year-Old Indian Boy From Dubai Has Become The World's Youngest Chartered Accountant

According to the Khaleej Times, Raman has been recognised by the Association of Chartered Certified Accountants (ACCA), the global professional accounting body in the Gulf, as the youngest ACCA affiliate ever registered among all other candidates, affiliates and members.

However, what's truly remarkable is the fact that Raman managed to clear all the 14 papers in the very first attempt, which makes it one-of-a kind case in this field!



As tough as it sounds, Raman began his CA preparation in December 2012 and took his final **exam** in June 2015. His routine was strenuous and he made sure to follow it religiously even on his off days. "I would have lunch and sleep till 4pm and get up again and start studying again from 4:30pm till 8:15 again with breaks after which I'd have dinner and study again from 9pm till 12pm. Then I'd go to sleep," said he in an interview to the Khaleej Times.

What's also interesting is that Raman had his fair share of superstitions that, he believes, helped him achieve this almost impossible feat! He wore the same pair of pants, shirt, vests, socks and shoes, and ate the same type of curries and rice before every ACCA paper for those 3 years!

He is now looking forward to pursue an MBA degree from the best college in the US and enter the field of investment banking.

We wish Ramkumar Raman all the best in his future endeavours.

LOOK UPS IDE

THE byte

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PLACEMENT

NEWS

Placement Newz

Indian Navy Jobs for Permanent Commissioned Officers

Permanent Commissioned Officers (NAIC ,Education & Logistic Branch) job position in Indian Navy Applications are invited from unmarried male candidates for grant of Permanent Commissioned Naval Armament Inspection Cadre ,Education & Logistic Indian Navy for course commencing June 2016 at Indian Kerala.

Officers in Branch of the Naval Academy, Ezhimala,

Education

Qualification : 50% marks in i) MSc Physics (with Maths in BSc) (ii) MSc Maths (with Physics in BSc) (iii) MSc Chemistry (iv) MA (English/History/political Science) (v) MCA (Physics or Maths at Graduation Level OR 60% marks in BE/ B Tech/M Tech in any of the following disciplines:- (i) Mechanical (ii) Electronics & Communication (iii) Electrical & Electronics (iv) Electronics & Instrumentation (v) Electronics & Tele Communication (vi) Electrical (vii) Computer Science (viii) Information & Technology

NAIC

Qualification : BE/B. Tech in Electrical/ Electronics, Production, Instrumentation, IT Chemical, Metallurgy & Aerospace Engg. with 60% marks.

Logistics

Qualification : First class B.Tech,MBA,BSc,B.Com, BSc (IT), Finance/ Logistic/Supply Chain Management, Graduate Degree with Post Graduate Diploma/ Degree in Material Management. First class in MCA/MSc (IT) with 60% marks

Selection Procedure : Short listed candidates will be called for Service Selection Board (SSB) interviews. If a candidate possesses higher qualification with better percentage, his higher qualification will be considered for cut off. Integrated Headquarters, Ministry of Defence (Navy) (IHQ-MoD (Navy)) reserves

the right to short-list applications and to fix cut off percentage without assigning any reason. No communication will be entertained on this account.(b) SSB interviews for Short-listed candidates will be scheduled during December - April 2016 at Bangalore, Bhopal, Visakhapatnam or Coimbatore.



Placement Newz

**E-LITMUS
pH TEST**

E Litmus is a national level assessment for all those out there level engineering jobs. E-litmus is India's largest fresher evaluation the proud owner of IP pH test, the most researched analytical and

looking out for entry and recruitment body and algorithmic thinking test.

ELitmus pH Test:-

The pH test is a nationwide test. pH test score is in form of percentile which helps candidates benchmark themselves against the domestic talent pool. Candidates can also use this score to apply to all participating companies for a period of two years. The pH test score has helped over 210 companies across multiple industries such as automobile, IT/Software and construction, to recruit capable candidates from across India.

The test is intended to measure your natural ability.

Eligibility:-

There is no eligibility criteria as such to take up the pH test. Cuurently, only candidates having/pursuing a degree in BE/ B.Tech, MCA, ME/M.Tech or M.Sc(CS/IT) will benefit from the pH test. -

ELitmus pH Test Registration / Application Form

How do I apply for a pH test?

Following is step wise procedure to apply for pH test.

- Logon to www.eLitmus.com
- Click on Sign Up and register by entering your email id and password.
- Fill personal and academic details in your profile.
- Activate your account by clicking on the link sent to your email id.
- Then click on Go to Tests
- Apply for pH test.
- Then go to 'Tests' -> 'My Tests' section to get your Registration Id.

Application Fee:-

Application Fee for pH exam can be paid either online or by cash or demand draft.

The pH test fee at present is Rs. 920/-.

You can either pay in cash (accepted at E-litmus Bangalore office only), or through DD or payment online.-

Syllabus of Elitmus Test:

There are 3 Sections of an eLitmus pH Test Paper and each section contains 20 Questions.

- Quantitative Aptitude:
- Problem Solving or Data Interpretation and Reasoning
- Verbal Ability

There are 20 Questions in each section.

Let's discuss syllabus for each section of the elitmus paper :

1. Quantitative Aptitude Syllabus for elitmus pH Test

- Probability (Roughly 2 Questions)
- Permutation Combination (2 Questions)
- Number System (3-4 Questions)
- Speed, Time and Distance()
- Alligation (specially mixture type question 1 for sure)

- Time and Work
- Geometry (Area of hexagons, circle and quadrilateral) - 4 to 5 questions.
- 1 or 2 Questions not from any topic, but based on common logic.

2. Syllabus for Problem Solving

Section of Elitmus pH test :

- Questions on Seating Arrangement
- 1 or 2 question based on Tabular Data
- An addition/subtraction/multiplication questions where each Number(0-9) is replaced with an ALPHABET(A-Z).
- Data Sufficiency Problem.

one big question will definitely come from cryptic multiplication or addition with 3 to 4 parts.

3. Verbal Ability Syllabus for elitmus pH Test:

- 4 Fill in the blanks Questions
- 3 Reading Comprehension paragraphs: Each RC will have 4 Questions.
- 2 Jumbled Paragraphs Questions
- 2 Vocabulary Based Question : Fill the pair of gaps in a sentence with the most appropriate pair of words given.

Current Affairs

special info regarding NOBEL Prize

IMPORTANT DAYS

- 1st October - International day of Older Persons
- 1st October - World Vegetarian Day
- 1-7 October - International Vegetarian Week
- 2nd October - International Day of Non-violence
- 2nd October - National Anti-Drug Addiction Day
- 1st Friday of October - World Smile Day
- 3rd October - National Techies Day
- 4-10 October - World Space Week
- 4th October - World Animal Welfare Day
- 5th October - World Habitat Day
- 5th October - World Teachers Day
- 6th October - World Wild Animal Day
- 7th October - World Day for Decent Work
- 8th October - 83rd Indian Air Force Day
- 8th October - World Sight Day (WSD)
- 2nd Thursday of October - World Sight Day
- 9th October - World Post Day
- 9th October - World Egg Day

Nobel Prize for Medicine:

- Three scientists Youyou Tu (China), Satoshi Omura (Japan) and William Campbell (Ireland) have won 2015 Nobel Prize for Physiology or Medicine
- William Campbell and Satoshi Omura: Both bio-chemists have won half of the Nobel Prize for their discoveries concerning a novel therapy against infections caused by roundworm parasites.
- Youyou Tu: She was awarded the other half of the prize for discovering artemisinin (also known as Qinghaosu) a drug that has reduced malaria deaths and has become the mainstay of fighting the mosquito-borne disease. She is the 13th woman to win Nobel Prize for Physiology or Medicine and became first Chinese woman laureate.

Nobel Prize in Physics:

- Takaaki Kajita (Japan) and Arthur B. McDonald (Canada) have jointly won the prestigious 2015 Nobel Prize in Physics.
- They jointly won the 2015 Nobel Prize in Physics for their discovery of neutrino oscillations, which shows that neutrinos have mass.

Nobel Prize in Chemistry:

- Tomas Lindahl (United Kingdom), Paul Modrich (US) and Aziz Sancar (US) have jointly won 2015 Nobel Prize in Chemistry.
- They jointly awarded with the 2015 Nobel Prize in Chemistry for having mapped how cells repair damaged DNA and safeguard the genetic information at a molecular level.

Nobel Prize in Literature:

- Journalist and prose writer Svetlana Alexievich of Belarus has been selected for prestigious 2015 Nobel Prize in Literature.
- She won the Nobel Prize in Literature "for her polyphonic writings, a monument to suffering and courage in our time,".

Nobel Peace Prize:

- Nobel Peace Prize 2015 awarded to Tunisian mediator group, National Dialogue Quartet (NDQ).
 - NDQ is given for its decisive contribution in building pluralistic democracy in Tunisia in the wake of the 2011 Jasmine Revolution.
- NDQ consists following 4 organizations:



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