ABV - INDIAN INSTITUTE OF INFORMATION TECHNOLOGY & MANAGEMENT GWALIOR

Vol.: 1o Feb, 2012

Abhishar



ABV - INDIAN INSTITUTE OF INFORMATION TECHNOLOGY & MANAGEMENT GWALIOR

Vol.: 1o Feb, 2012

Abhishar



TEAM

PATRON

Dr. M.N. Buch, Chairman, ABV-IIITM

Prof. S.G. Deshmukh, Director, ABV-IIITM

Mr. Sanjay Bhatnagar, Registrar, ABV-IIITM

EDITORIAL

Dr.Joydip Dhar (Faculty Incharge)

Ronak Dhoot (Student, IPG 2007)

Payal Anand (Student, IPG 2009)

FEATURE WRITERS

Ashish Jha (IPG 2001)

Rahul Kala (IPG 2005)

Shilp Gupta (IPG 2005)

Arpit Tripathi (IPG 2006)

Avijit Gupta (IPG 2006)

FROM THE EDITOR'S DESK

Working at the cell all day long for almost 2 weeks, compiling the best stuff to go for the first edition, devising novel ideas to fabricate the magazine into something really remarkable and hasting to meet the deadline… Terming it a challenge, won't probably be an exaggeration. Nonetheless, the vivacious team spirit and above all the profound emotions allied with the magazine became the most potent driving force in the making.

Abhishar, after we first heard it, seemed to be the only suitable, best- fitting name for our magazine. The nomenclature puts forth the heart and soul of our endeavour. Abhishar literally meaning companionship - has evolved from Abhinav and Tushar, the two most efficient, indispensable work engines of AASF - Abhigyan Abhikaushalam Students' Forum.

This annual magazine of ABV-IIITM published by AASF is an apposite concoction of Music, Technology and Institute talks. Everyone might know, but just in case, I would like to put in the picture that AASF is one of the active students' forums of ABV-IIITM. Various hIQs and sessions on technical & managerial topics are organised under the aegis of AASF for the students of the institute. AASF also conducts various events for the all round development of students.

So buckle up for the adventurous ride to the musical world, technical world and the fascinating saga. For the first time our readers have the opportunity to delve into the real life experiences of our alumni. Abhishar will act as a bridge between the alumni and the students. The highlights of the happenings at the institute and insight on techno-topics are other baits of the issue. The interview of the previous year fest co-ordinators becomes one of our featured attractions.

The music section "Jhankar Beats" in the magazine is dedicated to my young friend Abhinav who was a synonym of music for us. His source of ideology in life was the melodious old songs. "Geek's Corner", the technical section is in the reminiscence of Tushar, the brilliant technical intellect @ IIITM. Reading and digging into techno-topics were favourite time-pass of our geek. And at the last but not the least, "IIITM Street"-Institute Talks section is dedicated to all our readers and students of the institute narrating their memoirs and accomplishments in the institute.

With all these views and plans in mind we launch Abhishar with a purposeful effort to keep alive our late friends Abhinav & Tushar who left us for the heavenly abode on Nov.20, 2011, Sunday…

"We are each of us angels with only one wing, and we can fly only by embracing each other."

Earnestly hoping that Abhishar proves to be a companion of its readers all through its way I dedicate every write-up, every attribute and Abhishar to our immensely missed friends and our readers. All types of suggestions and criticisms are welcomed.

On the 100th day of their demise, February 28, 2012 we bring to you the first issue of ABHISHAR. With the continuous support of our readers, the magazine will be launched every year on November 20 as a token of tribute to our friends. We miss you…

Payal Anand
Editor-In-Chief

Chairman's Note

In a technology driven world we tend to make technology an icon and shut everything else out of our lives. Life is much more than just a machine, whose buttons we push to solve life's problems. Life also means music, art, drama, emotion, beauty, ugliness, joy, suffering, some tears, and much laughter. It means some idle gossip, a chat with friends, the odd fight, the pleasure of discovering new tastes in food and the pain of finding that one's favourite chaat walah of students and within a span of 3 years we have gained considerable confidence and has gone back to his village. In other words, life is a whole new world beyond technology.

I am glad that AAST has started a journal, ABHISHAR. Through it I am sure the ABV-IIITM will realize the joy of togetherness, the bonds of friendship, and the simple pleasures that make life worth living. My advice to AAST is that the journal must be lively, it must generate debate, and it must be fun.

My best wishes go with AAST

-Dr. M.N.Buch
Chairman, ABV-IIITM

Director's Note

Dear AAST, You have been delivering consistent selfless service in the institute for long imparting knowledge and skills to the students. I am proud to have such forums in the institute I wish you all the very best for your endeavour for your magazine 'Abhishar' and appreciate your noble cause. You have all my support. Wish you success.

Prof. S.G.Deshmukh
Director, ABV-IIITM

Registrar's Note

It's good to know a new students' magazine is being launched. It will give a platform to students of our institute and introduce new writers. I revere the noble cause with the hope IIITM gets the best stuff to read. I wish all the good fortune for its journey.

Mr., Sanjay Bhatnagar
Registrar, ABV-IIITM

FACULTY'S SPEAK

I extend all my warm wishes for the success of the students' magazine. It will provide a peep into the thoughts, and minds of the students. It is a platform for knowledge sharing and information about the past, present and future activities in our institute campus. I wish all the success to 'Abhishar'.

Dr. Joydip Dhar
Associate Professor, ABV IIITM
(Faculty Editor In Chief)

On this occasion, I have a mix of feelings and find it difficult to express myself. I experienced the grief and sorrow along with the students at Shivapuri as I was the first from the Institute to reach there to help and take care of the students after the sad incidence. Their pale faces, stale voices and shabby appearances were enough to hint about their state of minds. I still remember it all and I think, I will never forget it. However, they felt a big relief on seeing someone from the Institute.

I feel, not only the name of the magazine "Abhishar" but also the timing (February 28, 2012) of its launch is appropriate. I wish and hope that the magazine fulfil its objectives and serve well for its cause. I have full trust in the capabilities of the students and am sure they will prove their mettle in literary world too as they have been doing regularly in the technical arena.

I wish all the success to his humble beginning and pray for its growth with a leap and a bound.

Dr. Pramod Kumar Singh
Associate Professor, ABV IIITM

Kudos to Team AASF.
Even though publishing a magazine can be stressful and difficult at times, I know that Team AASF will plant roots by inviting articles and news there in no time. Team AASF has been contributing immensely with commitment and great work ethics. I greatly admire the efforts in bringing this magazine.
Wish entire team for the future endeavors.

Dr. Manoj Patwardhan
Associate Professor, ABV IIITM

"With the release of Abhishar, AASF will spawn new heights in terms of its scope of operation and visibility. I wish the twig Abhishar eventually emerges into a fully grown branch within a short span of time."

Dr. K K Pattanaik
Assistant Professor, ABV IIITM



Mai Zindagi Ka Saath Nibhata Chala Gaya

-Something which makes my memories come alive

Amit Samdarshi

The value of old Hindi music has always been incredible in our lives. The depth, melody and freshness they give is unparalleled. The songs of that era were charmed by their beautiful meanings. Love, pain, sweetness, values, philosophy, no stone of human emotions left unturned by those everlasting melodies. Though our loved songs lists tend to infinite but only some of those really touch our hearts. I am talking about a creation which is precious to me because it carries the memories of my lost friend who use to sing this song with me. He used to correct me on my wrong pronunciations, some lines were reserved for our exam times and some served as lessons for life.

The song is "*Mai Zindagi Ka Saath Nibhata Chala Gaya*" from the movie Hum Dono (1961) filmed on the evergreen Dev Anand left the world with his memories on December 3, 2011. The best part of song is it's lyrics which were written by Sahir Ludhianvi. A very short, seemingly extemporaneous insight into life. Sahir Ludhianvi offers a glimpse into the mind and heart of a young man forced by circumstances to take a look at his life, and then put that same life on hold even perhaps forever. What may have been cynicism is more a cheerful resignation, an acceptance of whatever destiny may throw at one. And it holds, for the rest of us, a lesson in life: that it is useless to weep over what has gone; it is better to celebrate the tragedies of one's life and move on. Let's unfold this beautiful creation line by line and experience the brilliant piece of writing with my emotional views and memories.

"Main Zindagi Ka Saath Nibhata Chala Gaya Har Fikar Ko Dhuen Mein Udata Chala Gaya"

The above lines give a beautiful start. The title line conveys the message of keep flowing with life and live it to the fullest. Remain tension free says the other line that is keep that tension away which can do no good. Some can take the line as to blow away the problems with rings of smoke. Some can mistake these lines to neglecting the problems or having a temporary escape from the circumstances but intrestingly the lines convey the message that whatsoever may be the circumstances one should never loose his self-control because there's always a way to go on.

"Barbadiyon Ka Sog Manana Fizool Tha Barbadiyon Ka Jashan Manata Chala Gaya"

These were our favorite lines to sing after every spoiled exam because despite of all we return with smiling faces as we knew we can't do anything now. So why to be sad when you can remain happy. "Mourning the failures was a waste of time So I moved on, celebrating my failures" is the meaning of above lines. I always pronounce sog as shok and he corrected me every time though the meanings were same but sog is an Urdu word. Actually, his attachment with Urdu language was one of his hidden qualities. He never allowed me to pronounce 'Ghazal' as 'Gajal'.

I still make mistake in pronounciation but no one is here to correct.

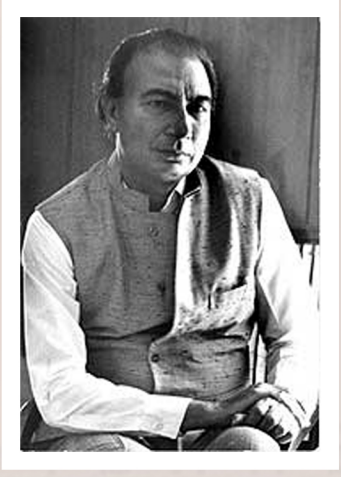
"Jo Mil Gaya Usi Ko Muqaddar Samajh Liya
Jo Kho Gaya Maein Usko Bhulata Chala Gaya"

These lines convey the fact that all we have is our destiny and we have to accept this. Later, the lyricist tells us to try to forget all those things which are lost forever but now I realize that how hard it is to forget our lost loved ones and why will someone try to do so.This is the point where the hair line pool between fantasy and fact collapses.



"Gham Aur Khushi Mein Farq Na Mehsoos Ho Jahan
Maein Dil Ko Us Muqaam Pe Laata Chala Gaya"

These final lines are the most touching and thought provoking among all. The creator describes a different dimension of life where you will not be able to differentiate between happiness and sadness. In other words he says that ***"I am moving on to take my heart to that state where happiness and sadness will be immaterial things".***



On these lines a question arises that why do he talks about such an state? The answer prevails behind the curtain of some bitter truths of life which are unavoidable and can bring mental and emotional storms within an individual. After achieving such a state one will accept both happiness and sorrow with an ease.

Life is something we can never understand. ***"Zindagi ka Saath Nibhata Chala Gaya",*** but its really ironical when you go on with life but suddenly your life leaves you and move ahead for others to come. This philosophical dis-balance of the world proves to be a thunderclap for us. If riddles of nature are impossible to solve then why to try them? Above all I can just say that life is the most amazing gift of God and live it to the fullest becuase ***"Zindagi na Milegi Dobara".***





I will bite the snake...

Sidharth Singh

Till 2010, I had always feared participating in what seemed to me a venomous serpent called "competitions". Seems silly at first, but those people who have felt the nervous stroke that makes one or the other body part tremble would agree with me. I can never forget those three days that made me discover myself and equally can't forget my dear friend who made this possible.

Infotsav'10 was really special from two fronts, one the joy of winning and second the joy of winning together. Although we didn't win as a team but we inspired confidence in each other and that I term "togetherness". I always took the initiative of taking the last step. It takes a lot of courage to wait for others and after learning from them take the sum of all into your step. It was my friend who made me take the first step, and synonymous to the three legged race we moved forward, both together. Our first success was a short-cut, that didn't comfort us and we made someone else to win and that was a quick end to the devilish intent of winning by choosing whatever means whether right or wrong. From the first day of the tech-fest, we would be bang on time at the venue of the events, full of zeal and spirit to compete and left no stone unturned till the events were over.

"No words to explain how much we loved you, for you were our speech

But only tears to shed to show how much we miss you, for you took away the smile
You have gone leaving us alone, and

For we don't want to sadden you any more
we try to smile even in sorrow

We meet you everyday,
"Google" is our life
Right was your nickname
that supports our life

Oh God give strength unto thy parents

For the most precious gift you gave and then took away

To whom and how you will give this gift is unknown

But let it give happiness wherever it's gone."

I myself would have never left the comforts of my room had I been alone, until and unless my friend would have snoozed into my ears banging my door, to make sure we were on time.

It was because of his confidence in facing a GD that inspired my oratory skills. I took part in my first ever GD and I won it too. I have no hesitation when I say I won it because of him. We both had won at least one competition but the best part we celebrated our victory, neither his nor mine. How my fears had disappeared while this all went on, was out of thought. The only confidence that I had bitten the snake kept me flying high. Time passed and Infotsav'11 beckoned but the spirit was alive. But God had to balance my scale and so he took away my dearest friend. I couldn't even wish him a Happy birthday, for before the forgetful part of me could recollect the birthday, he was gone... gone forever. I had spent so many cherishing moments with Tushar, which time after time keep on knocking at the doors of my mind. On some I rejoice and on some I repent but they always fill the loneliness with more deepening sorrow...



AASF: A Boon for Generations Ahead

Ronak Dhoot

AASF – Abhigyan Abhikaushalam Students' Forum one of the most active students' communities in the institute since September, 2003. AASF is continuously spreading knowledge and maintaining a healthy environment of technology among the IIITMites year after year. At its initial phases the forum was concentrating over purely technical talks and was also collaborated with IEEE students' chapter, later on it became an individual body of the institute and started working for development of management & literal environment among the students community. hIQ™ (highly Intelligence Quotient) is the session that we took to share the knowledge.

Well a lot of faculties and students think; Why AASF? What is need of such communities? Do you feel you can teach better than us? Why should I attend the hIQ? Is it possible to learn something in an hour session only, huh? What should I get if I'll take an hIQ? These all bizarre queries are just because they won't experience that how it works at least for students' of IIITM.

AASF is providing a platform to share, to learn, to speak, to express, to participate, to win, to experience, to communicate, and a lot more. Basically it believes in ***"peer-to-peer learning"*** as it is more comfortable to put your queries in front of your peer (i.e. your batch-mates, seniors) in comparison to someone else. This is the strength of AASF's environment.



Coalescence of Knowledge & Skills
Abhigyan Abhikaushlam Students' Forum

Generally all second year guys n gals take hIQs on some of the initial or what I can say some basic technical topics & the most important hardware workshop. After that as the session continues, students from third to fifth year get interested to take hIQs of core technical topics. For managerial topics and personality development a lot of activities are organized by the team of AASF. It is not that easy to schedule more than fifty-two activities for one session as we have only thirty-two working weeks in one academic year.

How it works: We believe in the great learning concept of mathematics that if we tell you the three coordinates of a rectangle then the fourth coordinate could be calculated by you. In other words the basic mantra to develop along with AASF is ***"learning by doing"***. Actually we have never believed in spoon feeding the pupil. We try to give a brief of that topic along with the basics to generate your interest towards the technology. From another point of view, the student who organizes any event or takes hIQ on some topic, is the one who is the biggest learner via AASF, at least he/she feels confident towards the depth of the topic.

Hope you all love us, we really feel very satisfied in maintaining such learning cultural in the IIITM environment...!!!

{aasf@iiitm.ac.in}

Geeks Corner



Why Top Management Fails: A Flip Side

Vaibhav Sharma

Innovation has always been a hot topic of conversation in organizations, cultures and ethnicities. You call it either a radical change or a breakthrough; it has been so influential that it is able to transform the lives. Be it the Six thinking hats of Edward de Bono; DNA principles of Clayton Christensen or theories of Min Badasur, many organizations are using them in different combinations to fetch the revenues and profit out of industry. These organizations are so dependent on it that they do not talk of anything else. But the excess or the improper use of anything may be harmful. And sometimes the reason is top management.

We always talk about the positive side of the management fiascos and rarely get acquainted with the negative side. Let us now talk about the flip side of the coin; why even top management is not successful.

Let me tell you the reason why leading companies in three different industries (fast-paced disk drives, slower-paced mechanical excavator industry, and process-intensive steel industry) which frequently innovate get stumbled or failed. It is not because of the engineers who stuck upon the technology paradigm or ignored innovations. As long as the new technology is required to address the needs of the customers, an established firm must be able to muster the expertise, capital, suppliers, energy and rationale to develop and implement the requisite technology both competitively and effectively. The top management here had a good track record of understanding the unarticulated needs of the customers, finding which technology can address best to their customers and could be capitalized. It was only when confronted with disruptive technologies, they failed. Here comes the role of disruptive technologies. And this is one of the reasons why good management can lead to failure. There are three parameters which can lead good managers to a bad dawn.

1) The first one is strategically important and is unable to identify what I call sustaining and disruptive technologies. The concept is way different from incremental change or a radical change.

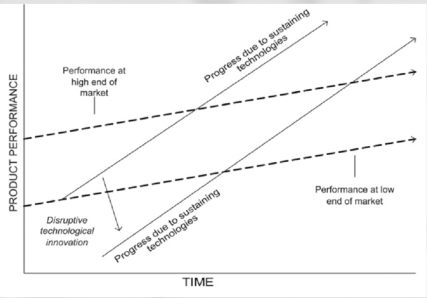
2) Technology progress map. There may be an unmatched behavior between different technologies which may outstrip the market needs. This will surely be a hindrance to the identification of unarticulated needs.

3) Customers and financial structures of various companies color heavily the sort of investments which appear to be attractive to them, relative to other entering firms.

While sustaining technologies believe in enhancing performance, disruptive technologies lead to innovations that is the worst product associated with disruptive technology is likely to outperform.

Disruptive technologies bring a unique value proposition to market. Products based on disruptive technologies are simpler, cheaper, smaller and convenient to use. Examples could be, transistors were disruptive technologies relative to vacuum tubes. Health maintenance organizations were disruptive technologies to conventional health insurers.

Secondly, technology can progress at a very high pace which is not required by the market demands. This is illustrated in the figure below because of this sometimes suppliers give customers more than what is needed. .



This means the disruptive technologies which are underperforming today may outperform in the same market tomorrow leaving a bridging gap between technologies. For example many who once needed mainframe computers for data processing, no longer need or buy mainframes.

The last and the final cause which leads top management towards failure is that companies making aggressive investment in disruptive technologies are not a rational investment. This has three different bases. Firstly disruptive products are simpler and cheaper and hence offer low margins and not great profits. Secondly, disruptive technologies are sometimes commercialized in an insignificant emerging market. And lastly most of the leading companies initially can't use the products based on disruptive technologies as they promise lower margins.

Thus it is not the case that top management will bring a radical change every time. Excessive use of innovations may create an unmatched gap between technologies which thus leads to the failure of the decision of the top management.



Web Browsers as New OS

Divyanshu Ranjan

The ubiquitous presence of web browsers is making dramatic shift in the landscape of software industry. People no longer go to browsers to see static web pages, they demand more. Browsers have become platform for sharing docs, editing pics, listening music, watching videos. Desktop apps are making their presence as web apps, a term coined for software which are coded in browser supported languages & reliant on common browsers to render apps.

Web apps have several benefits over desktop apps. They are cross-platform compatible, all that needed to deploy them is browsers. They are require little or no upgrade since new features are implemented on the server and automatically delivered to the users. They also have their share of drawbacks. The web browsers were not designed for running real desktop-like applications; it was designed in early 1990s to view documents. Programming capabilities on the web browsers were not something inherent in the design of browsers.

Browsers as application platform have some desirable merits. By getting rid of desktop applications, we broke tiles with physical computer. Apps can be downloaded & cached as needed (delivered on demand). This means we can get same experience on another machine with firing up a browser.

With HTML5, it is now easier to create cross browser web apps. HTML5 specifies new APIs like canvas (for drawing 2D graphics), timed media playback, drag & drop, microdata, storage, SQL database. HTML5 clearly indicates that browsers are bumping up against the limits of what today's browsers can do. One of the most fundamental features of OS is to provide a consistent interface for data storage. With HTML5, it is now possible to store data locally. OS developers call it a file system, rather than local storage, but the concept is the same. Websites come to increasingly resemble full-blown OS, browser vendors are increasingly going to have to solve the same kinds of problems that OS vendors do.

Software as a service paradigm adaptation of software industry has made browser take role of application platform. But what is achievable through Internet is driving development of Web apps that push the limits of browser capacity. HTML5, AJAX and other recent innovations to browser platform make it easier for web developers to create richer web apps. But web apps have yet to achieve the richness and robustness of desktop applications. But this is direction we are moving anyways.



LATA MANGESHKAR
- -SOUL OF INDIAN MUSIC

Nitika Bansal

India is the birth-place of many great people in various fields. One of them is LATA MANGESHKAR - THE NIGHTINGALE OF INDIA, the soul of Indian musical world. She is a legend of excellence, synonym of music. She is the most iconic artist India has ever seen. The India's highest civilian honour, BHARAT RATNA adds to her crown. She is the finest female playback singer of the Indian film industry.

Talking about her career.....

Lata Mangeshkar started her musical lessons at the age of five. Throughout her career, she has sung over 1,000 Hindi songs. Moreover, she has also sung in over 36 regional and international languages. Mangeshkar was inducted in the Guinness Book of World Records between 1974 and 1991 for rendering voice in over 25,000 solo, duet and chorus tracks. Although these figures were initially contested primarily by the fans of Mohammad Rafi (who is said to have sung over 28,000 songs), it was later established that her reigned supreme after all.

In addition to her awesome singing portfolio, Lata was also a popular music composer and film producer. Lata sang innumerable songs in her awesome repertoire which cannot be denied either on merit or success. These were songs that contributed to shaping one of the greatest success stories of the 20th Century. Whether she sang Madhubala to eternal fame with ***Ayega aanewala*** in Mahal at the age of 20, or at 44 she immortalized Dimple Kapadia by singing ***Hum tum ek kamre mein band hon*** in Bobby or at 69 Dimple's daughter Twinkle attained an aura of stardom when Lata sang ***Madhosh dil ki dhadkan*** for her in Jab Pyar Kissise Hota Hai and a barely a year later, Preity Zinta swung and sang into action with ***Jiya jale*** in Dil Se.



There is a halo of youthfulness around her and in her body language and in her sense of humour. The timbre of impishness in her voice, which lends itself so naturally to Tabu (Hu Tu Tu) or Manisha Koirala (Kachche Dhaage). Even today at 74, Lata continues to exude the magic that has made her a legend and gives her voice with the same volume and melody to the actresses who are 1/3rd of her age as she did back in her young age.

She even won the Maharashtra government's Best Music Director Award for Sadhi Manase back in 1965. Although the list of awards won by Mangeshkar is almost endless, the most prominent of these are the Bharat Ratna, Padma Bhushan, Padma Vibhushan and Dada Saheb Phalke Award. She also won four Filmfare Awards for the Best Female Playback Singer although she decided to relinquish these awards from 1969 onwards. The telephone rings persistently with people calling to congratulate her on her achievements.

Listening to her innumerable songs, time has wings and we float in the musical sea. Words are not enough to explain the feelings when we are listening to her songs. May her songs linger in our heart forever.



Here's the Deal...!!

Nirvaan Baid

It's the online era... and if you are not into online shopping, buddy...I pity you. With hordes of online sites available, with the best deals across the World Wide Web or rather, even the brick stores, you sure don't want to give it a miss. It is as tempting as any of the chocolate puddings and is as addictive as the "Buy one Get one Cheese Burst Domino's pizza";) Wouldn't it be hard to not tempt yourself into buying a Pepsodent toothpaste worth Rs. 64 at just 19 bucks...?? I am sure it's impossible!However it is best if you could, because this is just the beginning. With a hell lot of coupons, 150 off on 151, 500 off on no minimum purchase, flat 50% off after an already substantial discount by the merchant you are bound to happily fall into this nasty trap. Not just that, slippers @Re.1, [no, there was no additional shipping charges and you could also avail the Cash On Delivery facility :P], pack of 3 Lux soaps @ Rs. 19, how can someone be not hooked to it. The sense of pride associated with having everything at better than the best prices, (even if you do not need it) is beyond the scope of words and getting the best deals available is the new status quo...!! The time is not far when, some of these Yebhis or the Mydalas or the Snapdeals would go online selling fruits, vegetables, and all the grocery items. Pardon me if there's already an existing one for all such items; however I haven't come across any until now. Trust me, the day's not far..!! With everything available at such throwaway prices I doubt whether the net savvy people would actually be bothered about Walmart coming into India (all the fuss about the FDI thing). They are already wearing Jockeys at the price of Rupas and Nike at the price of Nikki!!(I know you bought it at less than the cost of Rupa but that's just an indicative)There would be a day when there will be blood banks operating online. Sometimes it so happens that people go and watch a movie, just to avail the free popcorn and cold drink. In fact there are sites which offer people to go and watch a movie, have snacks and all in exchange of a 2 page survey which you are to submit...Long live RedQuanta...!! Trust me I did not mind watching even Thank you :D. There are days when I see the guy from Bluedart bringing the items in an auto, the two wheelers' just not enough, and the amusing thing is: those days are pretty frequent... :P. Imagine the amount of business Bluedart makes out of our institute alone, it's actually huge!!Anyways, for all those who haven't tried it yet, start soon. You might just miss out on one, while you are reading this...and for those who already do... Happy Shopping!! (Although I am sure they are not going to waste their time reading this post).

P.S.: For the best deals available please visit:

- www.desidime.com
- www.freekaamaal.com



From Job-less to Job-Creator

Chaitanya Gupta

Not many times, you get the opportunity to do something out of league in IIITM when you have same events, fests going round year after year. It's not that people do not want to do things anew but it's just a matter of time and management skill that goes into it. We begin doing things when our ass is on fire and before we get ourselves into a mess, we try finishing them as they had always been. The journey of getting into Job Bureau began with that stupendous idea of doing something 'hatke' from as usual fest. I and Swapnil never thought of doing it together. As they say 'marriages are made in heaven'; in that very same way, I happened to be in Ronak sir's room when my official Job Bureau partner happened to enter the room and then it was all in our destiny to be together. He'd come to discuss with Sir to introduce something new in Infotsav'10. It was the time of April, 2010 when even preparations for the fest were not serious. And believe me; we never get serious for any activity other than fests. Nobody gives adamn about studies till minors or majors threaten us to fail. Oh yes! Back to the scene. I was there sitting in Ronak Sir's room and was discussing the same thought of trying something innovative this time. Well in case of our marriage as partners, Ronak sir happened to be the 'jodi-maker'. And there we were sitting, thinking what to do.



People so easily say 'ideas worth everything'. But the whole issue is from where you get the damn idea. You think of one thing and there are countless look-alikes you get on the internet. And then some shit-heads claim that you copied it. Well, we had enough time to think upon the idea. I and Swapnil agreed to choose Java as the platform for coding. Well it was really tough for me to switch from .Net but I wished to seek something new. As they say "Man cannot discover new oceans unless he has the courage to lose sight of the shore." I started browsing some real-life simulations on internet and found 'secondlife.com'.Much to my surprise, I foundit really interesting and gained a lot of ideas from it. I started framing some concepts and jotted guidelines that would form the structure of our new event. I mailed them to Ronak Sir and Ranjith Sir as well, as suggested by Ronak Sir, who could help us with the coding part in Java.

We came back after our vacations. For a first few weeks, nobody discussed about it. Then one day by God's grace, we happen to meet and discuss the aftermaths of our event. Originally the idea was centered on banking activity involving credits and bonds, loans and trades etc. As we kept evolving it, it gave a pretty much same impression as that of other simulation events that were already a part of Infotsav'10. Ronak Sir as usual with his unmatched competent skills started connecting the same concepts with offices, corporate world, jobs, levels, projects. And there we stood with something all new and fresh. Wow!!!

It was not only me. Experienced gamers, coders, researchers, thinkers andeven bakar experts all became a part of mindboggling discussion that resulted into 'Job Bureau'. You cannot match Ronak Sir's speed of doing work. He is terrible at finishing it off. There and then we



made the entire relational database to be implemented and there comes the most difficult part. The Server...!!

That's one of the specialties that comes along with every fest you organize in IIITM. It's not only a nuisance for outsiders but also for us. And at the time of Infotsav, even Sachin scoring a century seems such a small thing in comparison to our unstable server. There often comes time when we offer prayers to GOD asking for server to work perfectly till simulation events are over. And one should be amazed this wasn't the actual problem we faced at that moment. The problem was to handle the Apache server. And then we winded up the discussion at PHP - myself from .Net background and Swapnil from Java background. That's the beauty of organizing such events. You even get to organize such things that you had been running from throughout your life. Finally, we began working on the project with Ronak Sir's help in August, 2010. I tried to be as faithful to my partner as a perfect husband is to his wife; spending long nights together coding and coding. In the beginning, we always doubted if it would result into something sensible. Because many times we used to get lost into the concept and could not make out if we are doing it the right way or not. But then again thanks to Ronak Sir, I felt as if he has done a magical spell on us that we got our minds from everything around us into our event acutely. At times, we faced problems mainly with the 'Ajax' part but Ronak sir was always there to our rescue. Minors, Urja, classes, all passed by and then we were ready to test our product. In all these days, we had actually started loving it irrespective of what people thought about it. People did say it won't work, it would fail but we treated it as our child. There were nights when we three: Me, Swapnil and Ronak sir sat together working on it [and I was sleeping mostly sitting in one corner :)].



We had too many expectations from it that it would work perfectly and would be appreciated. But it turned the other way round for us. We were monitoring it as usual while its testing was going on. I was sitting in Shalabh sir's room regarding Infotsav magazine's work. He too was playing it and kept clicking for completing the tasks every 2 minutes. And then the wonder I came across in his room. We looked at the rankings and I was left in awe as to what the hell is happening. Manak sir's score went out of the limits. I went running to him and asked what trick he is playing. The bug that set my ass on fire was 'firebug'. He could actually change the projects id in the link and get it completed. Then and there we stopped the trials of the event and put our entire mind in solving it. At least we could make out what was wrong with it and we improvised it very well. Then we launched the final edition of our event. It was fun. Whoever I met on my way to class used to discuss the prices of packages and requirements of projects. People liked playing it. They were worried about the battery getting charged; the money they have earned; the projects they finished; the packages they bought and many other things.(toon reqd) Whoever didn't get all those stock market 'fundas' could easily try their hands on it. People from outside colleges were firing their queries on us. We did it. We had finally achieved what we aimed for. A noticeable number of people played it. The legacy is still on. My juniors have been doing a fantastic job. We are past now and soon will be turned into history but I still cherish that period. It taught me many things. Being a part of something from inception to its full accomplishment and seeing it grow bigger and mightier year by year makes you feel so ecstatic and elated.



A Gateway to My Dreams...

Piyush Singhal

The day, one enters a college or an institution for higher education, he starts aspiring for a decent job once the studies are over. The tension and anxiety builds up each single day as it passes when you are in your senior years, events like firms visiting the campus further add to the situation. Nonetheless these visits are quite eventful ranging from interview sessions, results announcements, to celebrations. The intention of this article is to share some of the interview experiences I had. The institute, this year, witnessed a decent number of firms on campus with name such as Directi, Samsung, Mu-Sigma, Microsoft, HCL, Wipro, TCS, Aricent and sort. Fortunately, I didn't get much of Interviews to sit for.

So, it was Directi in the first place. The company as it`s known hires the best in the business. It all started with an objective type technical-cum-aptitude test. The test lasted for an hour, with questions comprising of small puzzles, computer science fundamentals, programming know-how, and Linux fundamentals (including BASH scripting, and basic command knowledge) a single Google search, probably, will yield number of links giving the questions asked, but on a personal note, anyone with a bit of hands on experience of Linux and programming will ease through the process. So gear up! and start practicing if Directi is what you aim for. Now comes the second phase, the coding round, as they say. The rules are simple, every individual is given a fairly simple programming task and one has to submit a running code, in a language of choice, as a solution in order to get through. In our case the problem was of reconstructing a binary tree represented by a string of upper and lower case letters, the lower case letters always represented the leaf node whereas the upper case letter represented the non-leaf nodes. The two preliminary roundsconsumed much of the time, and soon it was evening and the PIs' commenced. It was my first time sitting for an interview. I was cold and quite nervous. The interviewer made me feel comfortable offered me a glass of water and after a little chit-chat the interview session began. Then came the questions to ponder upon. A puzzle, given eight similar billiard balls except one which is bit heavier than the others, and a weighing pane. Find the heavy ball in as less moves as possible. A move is called when a comparison is made between group of ball(s). Each solution was followed by a discussion on how one can optimize it further more. By the way, one can reach the goal in only 2 moves. Get your thinking hats on! and figure out how? Then there was a chain of algorithmic question being fired upon, mostly I haven't heard of before. Probably this is not the right space to describe all of them. But all I could figure out from the interview was that the interviewers were makingan assessment on the basis of how far and deep one can think and obviously what algorithmic knowledge one possesses. They were not discrete. Hours passed in no time, and it was nearly morning. The results came few hours later.

Then came the next day, the judgment day, we were to present ourselves to face one final round interview over telephone. The interview was intended to assess an individual on technical grounds. The questions ranged from Networking e.g. What is a NAT?, to databases e.g. What are Indices used for, mention

their advantages and disadvantages? to operating systems e.g. Difference between a thread and a process?, to internet technologies e.g. what is HTTP? how a web browser functions and similar questions. On a personal note don't beat around the bush if you don't know the answer, as it makes a bad impression and ofcourse is a waste of time. The interaction lasted for 45 minutes and it ended with interviewers note on 'how it's like to work for Directi?'. It was a fun interview in all and a worth of experience. Microsoft was scheduled to visit the campus. Prior to the visit they organized a written technical test meant for the candidates aspiring for full time position at Microsoft India. The test aimed at assessing the programming skills of the candidates. Apart from objective type questions there were some subjective ones too. They shortlisted 17 students in all to be interviewed. The event was headed by a pre-placement talk. The presentation gave a hint about the current projects, company infrastructure and the pay package they were offering. The placement team was a 5 membered team each one of them having ample experiences in their respective domains.

The preliminary interviews began in parallel and in groups. It was basically an algorithmic round. Each member of the group was presented with papers and pencil and was asked to code a solution to the problem. Our group was asked to design an in-place (no additional data structure)algorithm to accomplish the following task. Making our own assumptions. Given a linked list and positive integer 'd'.

a) Break the list into smaller list of 'd' elements.

b) Reverse each list thus formed.

c) Merge the resulting, modified, lists

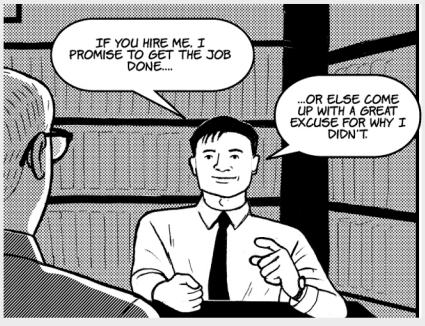


"Our goal is to stay one step ahead of our competition.How big are your feet?"

The interview went on for an hour and a half discussing the test-cases to test the designed algorithm and further improvement if possible. Then came the face-to-face personnel interview and I was assigned to MS fellow working in the BING group for 4 years. It went on again for an hour basically discussing on serialization of a general n-ary tree. The third interview assessed on some more technical know-how and problem-solving. The forth and the last was said to be HR, but in practice, It was not! The interviewer explored many more aspects, question involved those of typical MS ones e.g. How will you test a telephone? Write at least 30 cases to test a door? etc. some more programming puzzles, and then general HR talks. The session lasted for at least an hour. Then after much of discussion they were ready with the result and this is how it came to an end. There is much more to pen down about, but the space limits me to do so. Looking forward to discover some exciting and thrilling interview stories in the future, from the institute

Best of luck!

.





The Vagabond Chronicles

Samarth Manish

Before you go any further into this article, I must prematurely warn you that if you are looking for soul-searching and life-changing experiences of discovering knowledge and deciphering what karma is and why did eve eat the apple... (phew, that was long!)... you will be disappointed and maybe a tad angry at me. Because for the here I am gonna tell you about how journey to a scientific exhibit and survival out there with the most dedicated breed of the nation can actually end up being fun and frolic, rather than things of rocket science and relativity!

So here I have my experiences of Khitij'11 (the annual tech. fest of IIT-KGP & is supposedly one of the biggest events on planet. Luckily for me, I had with me two very inquisitive and dedicated minds of Ms. Prarabhdha & Ms. Yesoda with me for the journey and the event 'The Senate' (parliamentary debate stuff, sounds boring but was pretty cool.) & therefore the road was pretty easy for me coz of few opportunities for me to feel at ease with the best of the minds. Me being a nuisance kind of guy, was very sceptic of the fact that I had to behave all very sober and intelligent throughout. I also had the responsibility of presenting the android software in the event "OpenSoft" in which I had Mr. Manav Singhal as the team lead (though he wasn't physically present). The journey was awesome, both my co-travellers dint like the vegetable sandwich and I was very happy to oblige every time the train attendant brought them as snacks (yes, I am THIS shameless). We reached the longest station in the world (thats Kgp for u!). Soon after registration at the TECH-QUILA (event arena @ KTJ) & proceeded for campus-bhraman. IIT Kgp is so huge a campus, that if you accidentally explore too much, you will surely die a Robinson Crusoe. The campus had A-class fooding and had subsidized CCD's and other hangout joints! Well, after guest lectures and meeting people from all the corners of the nation, I came to the conclusion that coming this far was actually fruitful. The next day the D-day arrived. The best part about being a finalist at a high-profile event is get to wear suits. The event began and after sometime we were the only team from engg. stream to survive in competition. We were eventually bid off from the competition by the law school team from IIT Kgp itself. (Actually their team consisted of 3 Women... & in the round it was supposed to out speak the opponent, needless to say we were one woman short.*jk*). Well, we for sure didn't win over there but were congratulated on our bravery to step out from our tech-comfort zone and lock horns with lawyers and astute brains of the nation. Our loss of victory was neutralized by the awesome workshops and [again subsidized food outlets ;)] the stress busting shows which set the fire ablaze. NSP was also full on but then again I had to curb my instincts owing to the fact I had two women accompanying me. The way back was again as comfortable as ever with my co-passengers again obliging me with their sandwiches. We took a small detour at New Delhi and when we came back to Gwalior, we had some immortal moments with us that we earned ourselves through this trip. What I actually learned was that no journeys are boring, if the perspective remains playful. Cheers to more such tours, and cheers to life.



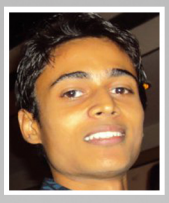
Intellectual Property and Technology Commercialization – How it helps an academic institution

Mr. Ashish Jha, Alumni (IPG2001)

Intellectual Property, especially patents, are defined as an intangible asset which can be monetized, out-licensed or used in making and selling new products. Patenting process is usually long, complex and needs investment, which is why not many institutions encourage their researchers to file a patent for their inventions. However, the process of patenting is not as complex as it seems at first sight. It just needs a policy in place, trained people and well informed researchers to get the maximum benefit out of the patents filed by an institution. Unlike many Indian universities, top universities all over the globe have adopted strong patent generation and technology transfer policies. University of California, for example, has about 3500 patents in its portfolio and it generates about $200 million annually from selling and licensing its patent portfolio. The revenue numbers are even bigger and better with other top universities worldwide. Many notable business spinoffs (including Google, which has patents filed in the name of Stanford University), have taken place due to patents. Indian Universities, on the other hand, have hardly any revenue stream being generated from patent sales or licensing. Intellectual Property protection is gaining momentum worldwide due to intense globalization and trade. China, for example, has chalked out a nine point strategy to promote the implementation of patents filing in its country. This has resulted in a major ramp up in patent filing activity in China, mostly from academic institutions. Today it ranks third in terms of number of patents filed annually, closely following Japan and the US. India does not even figure in top ten countries in this list.

(Ashish Jha is an alumnus of IIITM and has worked extensively in Intellectual Property domain for last six years. He is currently working with Healthcare Innovation and Technology Lab in New Delhi as Research Coordinator)

There are various kinds of myths among Indian students and researchers about patents. A general myth is that a patent is very complex and is seldom granted. However, reality is that a patent is a very simple mean to obtain a legal protection on your invention. In India, anyone can file a patent by following simple steps. One doesn't need anything but a proper patent application which might require some legal consultation, for filing a patent. Another myth is that unless you have a blockbuster discovery, you can't file a patent. This is also not true. Many incremental inventions are accepted as patents. Only requirement is that the invention should be novel and it should have a utility in real life. Yet another myth is that patent process is quite expensive. In fact, in India, you can get a patent granted in few thousand rupees. However, if you decide to go for a worldwide patenting process, you might need to shell out a lot of money. But in most of the cases, a worldwide protection is neither necessary nor recommended. Finally, the future of a new technology lies in its ability to get commercialized. A technology, however sophisticated, is useless if it cannot produce a usable product and substantial business. Academic institutions and universities are the birthplace of new technologies, but they die in the campus itself due to lack of nurturing and support. The need of the hour is to understand the process of technology based businesses, and take a leap forward towards protecting and commercializing your inventions.



The Postman, the Mafia and the Bakery store

Udit Kumar

Well let's be honest, the mere fact that you are reading this line depicts that the title has caught your attention. Well I just hope that this article has enough juice to hold that till the end. As a IIITM student myself I know how small our attention span is. Oh I am not talking about the times when you have spent night and day together trying to finish that favorite series of yours. Neither am I talking about the reckless nights before the majors trying to cram up those numerous slides which blend in one big pot inside your mind and come out all squishy during the time of dire need. On a side note if you were surprised that I didn't mention minors here then I have got just two words to say. DUDE!? DAFAQ? Anyway coming back to the original train of thought we as IIITMites have a penchant for the phrase TLDR. So I will try to keep this as short and as interesting as possible. Bear along with me for a just a few paragraphs and you will get to know some of the basics. Hey who knows may be you if you read long enough you might learn how to crack your best friend`s proxy authentication password or even better disrupt his gaming server. And yes I confess this article is about LAN in IIITM the title was tampered with on purpose to make you interested. Nice trick eh?

So I hope you have a general vague idea what a network is all about. Even if you think you don't, then also read on it will be fun. But please don't take this article as your fundamental building block. This is just a tongue in cheek take at things. Anyway I will gloss over some of the basics before delving into more details and hey no scary codes I promise. So a network is basically many PC/Laptops and a lot many lan wires. Well now that has been replaced mostly by wifi. But in my times, hey BTW I am not that old, we used to have good old lan wires to hook us up on the network. Anyway here are a few terms I bet you know, but I have to fill up this space with something right.

1. **IP address:** Well think of it as your hostel room number, or home address where you get all those love letters delivered. Single guys can think of love magazines.

2. **Subnet:** Think of a subnet as a tight group of friends. If you are in a subnet you can contact anyone in a group directly, no need of a guide or a middle man.

3. **Subnet Mask:** Imagine two subnets 192.168.65.0 and 192.168.64.0 Lets call them the Falcone mafia and Maroni mafia family. So if you happen to have an IP address of say 192.168.65.123 then you belong to the falcone family. A subnet mask helps determine on whose side you are.

4. **Gateway:** A gateway is that guy with whom you talk if you want to talk to someone on the other subnet. Say for instance you have hots for someone on the other subnet but the problem is you cannot tell him/her that directly. So what you will do is contact this gateway. He knows all about how to contact people outside your subnet. So you send him a msg and he will forward it to the assigned person on the other side.

5. **Proxy server:** Ah this one is my favorite. Imagine a bakery shop outlet with a self-righteousowner close to your home. The bakery can get all sort of chocolates you like on an order basis. You send in the request along with money (in our case authentication) and voila the shop will have it in a short time.

But since the owner has such high although questionable morals he will never give you that Exotic Russian Candy you are lusting after (no pun intended :P)

Okay so now that we are done with the basics let's move onto some more fun stuff. Lets take out our tools shall we. These are some of the very basic networking tools. They come pre-installed in most versions of Linux. For windows you can always find some alternatives with some help from Google Almighty. So first in our list is:

1. **NMAP:** It's a port sniffing tool. Too technical? Think of it as a spotter who can tell you which ever doors and windows are open in your friends laptop and how you can get inside using them.

2. **Nslookup:** This tool converts the websites to their IP addresses. Boring? Well wait till you read its applications ;)

3. **WireShark:** Well the best way to describe Wireshark is to think of a corrupt postman. He takes every letter which was to be circulated in your colony and delivers to you instead. A very handy chap to have on your side.

So now that I have discussed these tools what shall we do? Let's put them to some use. Though I must advice you the usage is not exactly lets say admirable for now. I mean of course you would marvel at your achievement but not those who suffer at your hand.

So for causing disruption first up is NMAP. Well you must be thinking all it does is find me open ports what can I do with that. Well my friend if you like multiplayer gaming you should know it uses lots of open ports for communication. Once you know which ones you can always hog them down with a simple line as

nc <Ip address><port>

Though you will need a very fast ethernet or a couple of PC to do some critical damage in today's times.



Next we have the boring nslookup tool. What can a tool which converts the web address into numbers help me achieve? Well here is a hint remember that bakery shop owner who won't let you have those Russian chocolates, he can read only words. So obviously websites get blocked if their address contains some of the key words. But and ip address has numbers not words right? So there is your sweet candy for you ;)

Now coming to the Shark amongst minions. Yes we are talking about the corrupt postman the Wireshark. Set it in promiscuous mode and it will fetch you every packet that is on circulating on the network right now. What good does that do? Well if you have a thing for mischief then you have just bumped into pandora's box. With the packets captured you can operate on them to suit your needs. Although if the packets are encrypted then there is not much you can do except for garbling the message. But as long as they are not encrypted you can do anything. Send them again with a spoofed or garbled msg. Change the sender or receiver information. Okay here is a little something for you guys who were patient enough to read this much. The proxy authentication passwords on our network don't travel in an encrypted format ;)

If you have any queries or troubles executing your devious plans you can always GOOGLE!



Software Foo 101

What your Software Engineering course should be about

Mr. Shilp Gupta, Alumni (IPG2005)

The purpose of education is to teach you that, which is non-intuitive; 'cause you can guess the rest. Software engineering education in colleges -I dare say, across the world - hardly fulfills that purpose. The state of affairs is dismal.

Software companies that hire engineering college graduates do so only because you are smart and can learn quickly, not because you may know anything about writing software! In fact, they hope that your young minds have been spared from the misconceptions that existed 10 years ago.

Great software eventually boils down to good code. Misconceptions deter you from writing good code and worse still, incapacitate identification of well structured code. To identify what is good or bad about your code, you must know what is the biggest challenge the code that you engineer is going to face. That challenge is, "The Other Guy."

Scope will increase, requirements will change and behavior would have to be modified; code will be touched. You might not touch it. "The Other Guy" would. The biggest challenge for you, who wrote the code, is to write it such that the intricacies and assumptions are clearly isolated. Writing such code is very non-intuitive.

We are taught Object Oriented design is about modeling behavior from the real world. Unlearn it. It is bad and unhealthy. Stop modeling real world interactions in code. Think about how you would code to solve the problem and use OOP paradigms to isolate parts of code that will change.

Embrace the SOLID principles. SOLID stands for five practices that when followed strictly will enable you to write good code.

One, Single Responsibility - Each class should be capturing exactly one "reason-for-change". If you identify two behaviors whose change causes a common class to change - you are doing it wrong..

Three, Liskov Substitution - You should use inheritance to modify the behavior of the parent class. Never use it to add more behavior.

Four, Interface Segregation - If a class uses an interface, it should have to use all methods in that interface. Otherwise, segregate your interfaces into multiple interfaces.

Five, Dependency Inversion - Wire your class dependencies through interfaces and containment. Dependency that a class A has, on another class B, should be 'set' by a ControllerClass rather than initialized by A in its constructor. Also, A should expect an implementation of an interface iB, rather than an instance of B.

Many software engineering courses ignore version control. The result - you start using pseudo version control, or none at all. If you have left commented code with a comment "may be useful" or created backups of your code in folders that are named with "dated xx-xx-xxxx" - you know what I mean. The code looks blurry and finding what you had done before becomes tiresome. You end up never doing it.

SVN is an extremely popular version control system. Use SVN even for pet projects. Use SVN for your Documents folder. Use SVN for maintaining backups of your saves /downloads. Get comfortable using version control and finding what you need from

the history. You will never regret it!

If you doubt how serious I might be about version control, savvy that Linus Trovalds is the creator of git. A version control system that a lot of open source projects are using - and more still are porting to. Visit github.com - the new sourceforge. Programmers are putting their github.com profiles in resumes to show off which open source projects their pull requests have been merged into.
Oh, before I forget, unlearn Agile. Anything you learn about structured UML is worthless in real world. Yes you will write UML to explain your ideas to developers, but that's just it. All the excitement about writing code through UML is dead. Everyone realized long ago that writing code from diagrams was time consuming and added more baggage than value.
If you want to know what the new Agile is about, it is about automation. Everything that can be automated, must be automated. Right from the word go, write scripts that do the entire build and deployment. Write scripts to run your tests.

After a month on your new project, you realize that fixing bugs means changing one line of code and doing a large set of mechanical things. Automate those mechanical things. It will help you spend your time in solving problems that matter.



On my way to a student Start-up

Mohit Rangraju

Few days back, I was sitting in this meeting held for the "to be" Entrepreneurs of IIITM and Prof. Sid Gautam, our honorable guest speaker, asked everyone a simple question: Why do you want to be an Entrepreneur? The answers were:
"Because I want to be my own boss"
"Because I have a great idea"
"Because I don't want to work or create a product for someone else"
"Because I want to do what I like"
"Because I am a unique combination of Technology and Business" and so on so forth…

I almost remember what everyone said that day, because even I had similar notions about Entrepreneurship in my mind one year back. I never liked going after people and pleading them, neither did I love being in someone else's control. But, I slowly understood that most of my notions about being an Entrepreneur were completely different from what I am right now.
Being your own Boss, doing whatever you like, taking a holiday whenever you feel like can never happen. If as an Entrepreneur, you take a holiday whenever you like, your employees would do the same. You are the first one to come to the office and may be sometimes clean the office coz you can't afford for a private sweeper and you are the one who'll be the last to close the office after checking if all the lights and PCs are off.

I loved food and used to go out for dinner almost every alternate day. Now, I don't remember when was the last time I actually did that! I loved sleeping until I felt like waking up; now, I can't even start sleeping with the tensions about the production process, bugs, employee relations, investments, etc.

Before, I never used to care about what people thought. But, now I have to care about what my Investors think, what my employees think, what the community thinks about my Organization.

And now coming to the idea part- Ideas don't mean anything to anyone! Millions of people have ideas; it's all about the implementation that truly matters. From a Game Developers perspective, it's about each tiny-weeny implementation – each color pallet, each sound, each game-play action, each animation, and each bug in the code – Everything is as important as all the others. That's what makes your product an outstanding one; not your idea. I was reading this book which focused on the most successful Technology Entrepreneurs and I was surprised to learn that 70% of these Entrepreneurs didn't have an idea when they were starting their Company. They had no clue what they were doing, but kept on doing something and succeeded in it.

You might be wondering, if all what I thought 1 year back is wrong, why am I doing this start-up thing still?
The answer is simple. Having your own start-up is above all these. It makes you fall in love with the whole process of building your company from scratch. The company becomes more important than you. It's more like falling in true love, where your interests are less important than your relationship. You just feel that the Company should grow and become famous. It slowly starts becoming your own child who eats away most of your time but you still feel like working towards it, nourishing it, growing it. You would never feel like leaving it and try every possible way to make the company stand in every possible situation possible. In front of this love and the connection you'll have with your start-up, all those small ego issues you have with yourself will just vanish. You'll go after people, plead them, socialize with them, sometimes do what you don't like much and actually forget what your interests were. I personally feel that's when you actually are an Entrepreneur.

Amazing Facts:

1. From the smallest microprocessor to the biggest mainframe, the average American depends on over 264 computers per day.
2. The first "modern" computer (i.e., general-purpose and program-controlled) was built in 1941 by Konrad Zuse. Since there was a war going on, he applied to the German government for funding to build his machines for military use, but was turned down because the Germans did not expect the war to last beyond Christmas.
3. Google got its name from the mathematical figure googol, which denotes the number 'one followed by a hundred zeros'.
4. Yahoo! derived its name from the word Yahoo coined by Jonathan Swift in Gulliver's Travels. A Yahoo is a person who is repulsive in appearance and action and is barely human!
5. Archie is an information system offering an electronic directory service for locating information residing on anonymous FTP sites.
6. arnivore' is the Internet surveillance system developed by the US Federal Bureau of Investigation (FBI), who developed it to monitor the electronic transmissions of criminal suspects.



The Poha Breakfast

Mr. Rahul Kala, Alumni (IPG2005)

Night out is certainly a common practice at IIITM Gwalior, sometimes due to project, sometimes due to movies, while sometimes solely due to habit, it's always fun. When during the late hours sleep slowly starts taking over, there's one strong motivation to keep you going – the morning poha. However in some cases the task may never be as simple as getting up, going to the station and enjoying the meal as is the case with most people. The article is an in depth analysis to/of the procedure. It starts with initiation. Early morning, you scan your chat list to see tentative candidates to accompany and usually find few. However the problem is who initiates the notion? It is like taking shelter in a hotel with your girlfriend, escaping from rain. Both know it's got to happen, but who initiates! Well, the problem didn't stay for long. Soon a resolution was passed that the junior-most member available on chat list initiates. Thinking ourselves to be wise men we passed this resolution, not realizing that the junior-most member might only be active on chat, and not in these activities. This is like asking a girl for date who doesn't eat outside. Anyways, with time people adapted, resolution weakened and some people improved. Following the resolution, you have a greater problem. You have no idea when the initiation ping would come. People who've operated Youtube on 'certain' content in slow internet connection would know the pain of waiting for the video to buffer. You can't really wait and don't know the time you need to wait.

Not to a surprise, eventually the decision to go is made. Many people at hostels are obsessed with economy, which becomes the next problem. Considering the cost of poha, expected amount eaten, and cost of petrol, there comes an optimization equation stating options of number of people who can travel, and in cases it is hard to find the minimal number. It's like having a tequila right in front of you, but just before you can get hold of it someone stops you, stating cost calculations in process. Now you knew it was yours, but now no guarantees.

Attributed to a good search algorithm (or characteristics of the person behind it), we normally make it to the shop. When normal people go to the shop, they tell the quantity needed. However in this case half the attending population is defected with dietary constraints that include poha ingredients. So a long order follows which includes customized pohas with different customizations. Regular tea follows. Station environment may not be the best in the morning, but there's always a chance of a good sight. After first round, comes the second. Now as per traditions, breakfast is a light meal, which is usually followed by a heavier lunch and dinner. Whatsoever is the philosophy behind it, but human body has a capacity. Sometimes least expected people tend to defy all these rules and take you by a surprise. This is when second round follows first, third follows second, and a few iterations more. You may be a mere spectator ensuring your counting skills are still fine. Here you may start thinking of all the physical & psychological processes of human body, but then u realize there are more 'interesting' behaviours of the other person which may be more worthy of thought and discussions. Finally drive back to hostel, mess tea and that is a good job for the day. But then is it sleep that follows, or morning jobs, or a casual rest? Well in most cases neither. Common things to follow include movies, chit chats and other multimedia stuff.



Cloud Computing Fundaas...

Arpit Gupta, Alumni (IPG2006)

Everyone has an opinion on what is Cloud Computing. It can be the ability to rent a server or a thousand servers and run a geophysical modeling application on the most powerful systems available anywhere. It can be the ability to rent a virtual server, load software on it, turn it on and off at will, or clone it ten times to meet a sudden workload demand. It can be storing and securing immense amounts of data that is accessible only by authorized applications and users. It can be supported by a cloud provider that sets up a platform that includes the OS, Apache, a MySQL™ database, Perl, Python, and PHP with the ability to scale automatically in response to changing workloads. Cloud computing can be the ability to use applications on the Internet that store and protect data while providing a service — anything including email, sales force automation and tax preparation. It can be using a storage cloud to hold application, business, and personal data. And it can be the ability to use a handful of Web services to integrate photos, maps, and GPS information to create a mash-up in customer Web browsers. In practice, cloud service providers tend to offer services that can be grouped into three categories: **Software as a service (SaaS), Platform as a service (PasS), and Infrastructure as a service (IaaS).** By itself, infrastructure isn't useful - it just sits there waiting for someone to make it productive in solving a particular problem. **Imagine the Interstate transportation system. Even with all these roads built, they wouldn't be useful without cars and trucks to transport people and goods. In this analogy, the roads are the infrastructure and the cars and trucks are the platform that sits on top of the infrastructure and transports the people and goods. These goods and people might be considered the software and information in the technical realm.**



We look at all three categories in detail; however, a very simplified way of differentiating these flavors of Cloud Computing is as follows;

- **SaaS** applications are designed for end-users, delivered over the web.
- **PaaS** is the set of tools and services designed to make coding and deploying those applications quick and efficient.
- **IaaS** is the hardware and software that powers it all – servers, storage, networks, operating systems.

These categories group together the various layers illustrated in the diagram below.

It shows three distinct categories within Cloud Computing: Software as a Service, Platform as a Service and Infrastructure as a Service. The responsibility of you and the vendor is summarized. As you can see in the figure, despite significant differences among the various offerings in the cloud computing industry, vendors provide a set of services that you can rent so that you do not have to manage layers.

Software as a service (SaaS): Software as a service features a complete application offered as a service on demand. A single instance of the software runs on the cloud and services multiple end users or client organizations. The most widely known example of SaaS is salesforce.com, though many other examples have come to

market, including the Google Apps offering of basic business services including email and word processing.

Characteristics of SaaS: Like other forms of Cloud Computing, it is important to ensure that solutions sold as SaaS in fact comply with generally accepted definitions of Cloud Computing. Some defining characteristics of SaaS include:

• Web access to commercial software.

• Software is managed from a central location.

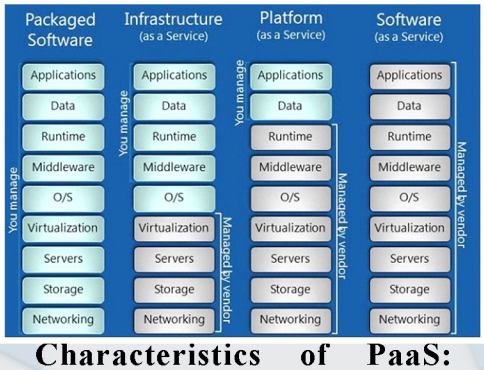
• Software delivered in a "one to many" model

• Users not required to handle software upgrades and patches.

• Application Programming Interfaces (APIs) allow for integration between different pieces of software.

Platform as a service (PaaS): Platform as a service encapsulates a layer of software and provides it as a service that can be used to build higher-level services. There are at least two perspectives on PaaS depending on the perspective of the producer or consumer of the services:

Someone producing PaaS might produce a platform by integrating an OS, middleware, application software, and even a development environment that is then provided to a customer as a service. PaaS offerings can provide for every phase of software development and testing, or they can be specialized around a particular area such as content management. Commercial examples of PaaS include the Google Apps Engine, which serves applications on Google's infrastructure. PaaS services such as these can provide a powerful basis on which to deploy applications, however they may be constrained by the capabilities that the cloud provider chooses to deliver.



Characteristics of PaaS: There are a number of different takes on what constitutes PaaS but some basic characteristics include

• The platform vendor provides and manages everything, from the network connectivity to the runtime.

• PaaS offerings reduce the developer burden by supporting the platform runtime and related application services.

• Developers can begin creating the business logic for applications almost immediately.

• PaaS, compared to traditional hosting solutions, offers the potential for significant productivity increases, because the cloud provider manages all the hardware and operational aspects of the cloud platform.

The Windows Azure platform fits best in the PaaS category, because it doesn't provide access to the underlying virtualization environment or operating system details such as the network interface, IP configuration, and disk management.

Infrastructure as a service (IaaS): Some vendors provide the infrastructure to build solutions, and you rent the hardware such as servers, load balancers, a firewall, and cables. You then configure these remotely and install your solutions on them. You can scale up by requesting more servers and reconfiguring the load balancer without purchasing more hardware. You can scale down at any time by reconfiguring the infrastructure you rented from the cloud service provider. This vendor approach is called Infrastructure as a Service (IaaS) because a customer can rent the infrastructure without having to forecast and provision for the highest possible demand in advance. In this approach, you are responsible for correctly configuring the rented infrastructure.

Characteristics of IaaS: As with the two previous sections, SaaS and PaaS, IaaS is a rapidly developing field. Those said there are some core characteristics which describe what IaaS is. IaaS is generally accepted to comply with the following:

• The lower levels of the

stack are managed by the vendor.
• Very few vendors actually provide an operating system. You are still responsible for managing everything, from the operating system to the applications.
• The obvious benefit of IaaS is that it frees you from the concerns of provisioning many physical or virtual machines.

There are a plethora of IaaS providers out there from the largest Cloud players like Amazon Web Services and Rackspace to more boutique regional players.
As mentioned previously, the line between PaaS and IaaS is becoming more blurred as vendors introduce tools as part of IaaS that help with deployment including the ability to deploy multiple types of Clouds.



Wikileaks - Information wants to be Free

Chitranjali Banjare

It is very awful to know that the official media can't cover the complete truth about any news. They only show the news which they are allowed to see and which is shown by the government. They can't make any effort to go beyond that. But the most controversial media of the year and probably for a decade has given birth to a new journalism which is not bounded by any government or its policies.
Wikileaks started off in 2006 with a group of unknown internet activists and of all those activists only its spokesman and editor-in-chief Julian Assange is the known personality. Assange was a constant traveler. By the age of 14, he had travelled across half a dozen countries, many of which had a controversial background. He was arrested for hacking when he was just 14. Wikileaks has many Julian Assange's and I bet almost all of them have a similar background.
Although Wikileaks started in 2006 but it came into fame in 2009.Wikileaks is different from other journalists as they find news through hack attacks, spying (just as the spy Karamchand whom we watched on the television), stealing, and even bribing at times. It is just impossible to run such a big and risky site and publish so much content with only 29 people as claimed by them. It must include few thousands of people working to find the truth; some of them may be the local people of the country who have more information about the news. The contribution of Wikileaks to journalism can never be overviewed. In 2010, it collaborated with major media organization to release U.S. state Department Cables (nicknamed as CableGate). The Wikileaks cables' main focus is towards politicians. It published 779 secret files relating to prisoner detained in Guantanamo Bay detention camp ,revealed the greed and corruption in the regime of Muammar Gaddafi, exposed the fact that the U.S. military was covertly operating inside Pakistan long before the killing of Osama Bin Laden which the U.S. government denied. There are several other fields where the contribution of Wikileaks cannot be neglected. Inspite of facing a huge opposition from the government, it has played a key role towards the awakening of common people. Really information needs to be free and it will definitely be free with media like WIKILEAKS.



Advertising Research - Much More Than Just Numbers

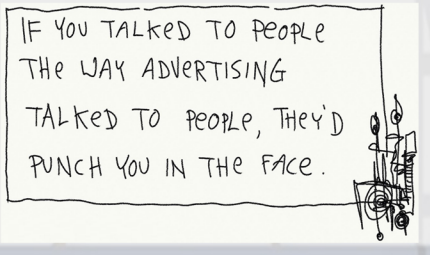
Sakshi Bhambhu

The orthodox concept of advertising research as a job limited only to surveys, number- crunching activities and focus groups no longer holds true. Research in advertising has seen some dynamic changes in a very short span of time. Although the current role of research and account planning in advertising still relies on traditional tools such as surveys and various statistical tools, but the research processes are more varied and exciting than ever before. The customers, now, are asked to draw pictures, create collages, and create home videos to show the use of the product and much more.

The customers around the world have become more well-versed and savvy. Internet, now, is affecting almost all stages of the buying process by providing customers with tools for comparison shopping, confidence about price, more choices on who to buy from and reviews on products. According to ComScore, 1.4 billion Internet users spent more than 300 billion hours online in 2009, forking over hundreds of billions of dollars in e-commerce in the process. A recent report by Forrester Research showed that Americans now spend as much time online each week as they spend watching TV. Hence it is really important to rightly position the advertisements along with understanding if the customers would like to check what the product is and then if they are satisfied with the provided information about the product. This is where web analytics come into picture. Use of such tools has made the job of advertising agencies more challenging and exhilarating.

The research team doesn't consist of just marketers or planners but also experts include cultural and cognitive anthropologists, psychologists, storytellers etc, all who can help understanding the consumers and the consumer decision making process. For instance, an advertising firm was given the task of identifying the common elements of the target audience of the James Bond movies, their demands, expectations, level of satisfaction i.e. a complete research on the target audience. The research team consisted of a hedonologist (a person who studies language, codes, and symbols) to interpret the James Bond books and movies. The research showed that people liked the element of fantasy but not the demeaning attitude Bond had toward women. Based on the findings, a woman was introduced as Bond's boss in the new Bond movie and dialogues were changed to suit audience attitudes. The movies, as we all know, were a great success.

Undoubtedly, the world of market planning has become more tricky and thought-provoking than ever before. It requires sincere interest in people and a burning curiosity about what makes the customers tick. As I said before, it is much more than just numbers and surveys.



Manuj Tewari

Abhinav Saxena, the best "person" I can think of I've ever met. He was kind, sincere, helpful, funny, hardworking and patient guy. We used to share various ideas about life and career together, though mine were always weird.

PS: I still miss his laughs. Abhinav, just take care of yourself wherever you are.





Mohini Gupta

I still remember his weird expressions and his invisible role in Parichay. Abhinav was the real hero of our batch. He was a true friend and a very nice person at heart, I wish we could have talked more, he was the person who gave me courage for the hIQ we took, he deserved all the credit for the confidence he gave me. Our ad-mad, our mime, everything was impossible without him. I miss all his sarcastic statements, his silly jokes, his hyper-excited mode, his comments, our last dance, each n everything, rest in peace dude.

Ritika Kurele:

He was one of the decent guy in our batch. He is an unforgettable personality.

Ankur Mudgal

ABHI ...I MISS YOU....

My best memory about him is that I used to work as a wakeup alarm for him while his wakeup alarm worked as a sleeping alarm for me. He was fond of old music, especially Kishore Kumar.

He used to mock me by saying "Aaj to tum mote lag rahe ho bhai". Lastly, I can only say that he was an all-rounder, the best one I had ever seen in my life.



Vishwas Gupta

Kind-hearted. No doubt he is the best person I have met in my whole life. He was my sweet heart (exactly my CHHAMIYA ;)) and we used to exchange flying kisses in mess. mmmuuuaaahhhhh Abhinav

Uttej Kaluvala

Abhinav Saxena was one of the best outspoken guy of our batch(IPG 2010). I used to admire him for the way he used to speak English which was just awesome. Whenever I used to find time I used to go to his room and speak to him and just rate myself making him as a milestone to be achieved. It just feels so sad that god almighty had called him so early to the other world.

Nitish Sharma



It has been about 14 years since both of us have been in the same class. All of us know Abhinav as helpful, intelligent, bright and loving, and being his friend from school time I can say that he has been the same since childhood. He has been every teacher's favourite, 'the ideal boy', one whom others would look up to.
He was a born narrator, and he did complain about not getting the space on stage, but dude no one else could do your role. He was the guy with the widest friend circle. Your loud laughter and your singing to irritate me will always remain with me. Whenever I was given a notice to write, I would go to his room and say, "Oye Angrez, chal notice likhwa." He was the encyclopaedia of knowledge, the quizmaster, music enthusiast and a great Hrithik Roshan fan. As one of our school friends said, "Abhinav, we will always remember you as a symbol of hard work, true intelligence and pure simplicity."

Sandesh Kumar



From the very first day I met Abhinav, we became good friends. We were always together in all the activities we participated. He was one of those with whom I can laugh, fight and share everything. It was fun even when he used to listen to old songs that irritated me; I also used to talk a lot that bored him. All such things are memorable for me. Love to him & to his bro ... <3

Amit Samdarshi

Abhinav was not just another guy, he was different. Say, how often you find a teen listening Rafi and Kishore all the time, waking up at 6, never speaking a single bad word, always ready for work and soft spoken to everyone. I cherished every moment spent with him. Actually, we always loved to produce a hilarious duet of many of our all time favourites. The moment I'm going to share is the time I met him first time. He just completed his admission process and entered the hostel. Fortunately he was in my lobby, the meet started with a formal greet and went on for two hours continuously. We were chatting just like we knew each other for years. Finally, he told me that I was the first friend he made in the institute and I'm still proud of it.

Aaditya Singhai



Most of us would always remember Abhinav for the troubled expression that he sported most of the times. It was a trademark of a guy who never refused to help any person that comes at his door but then struggles to fulfil his promise. He was a born-narrator, dance-enthusiast, very poor singer and a master in making ridiculous PJs. I miss him when I'm sitting on the back of an auto as he would always share that place with me. Our mutual appreciation of old songs, My relationship with him as roll number 2 and his laugh at most of my silly jokes. These are the things that I'll cherish and remember most whenever I think of Abhinav.

Rajesh Kumar

He is still alive in my heart.

Gaurav Ojha

Intelligent, Impartial, Practical.
Always with a smile on his face...

He was an ideal. His Gtalk music statuses are unforgettable. I was used to seeing him with AASF posters, at random times and I felt AASF had got a gem.

Ashish Bangar



Whenever I talked to him, I always thought that he is a mixture of both innocence and intelligence. ...
" chahe kuch bhi aur kaisi bhi situation ho hamesha hasta aur khush rhta tha.. kabhi gussa nhi dekha maine uske chehre pr..... chahe kuch bhi mazak uda lo.... wo bhi hasi main taal deta tha hmara mazak...".
As a whole he was totally awesome.
Missing him.

Naivedya Jain

I always searched for someone who loved to read and life rolled its dice and there he was...my search ended....Abhinav elegant calm and a splendid gentleman, stuffed with intellect and what's more he was a man with always a huge grin on his face. He was the one who used to kiss away the pain by a flick of his magic wand i.e. his selfless benevolent smile. He was like an endless source of inspiration which I used to gulp whenever I was goofed up. If I could idealize a human specimen for sure it would be Abhinav "The True Gentleman"

Kamya Jaiswal

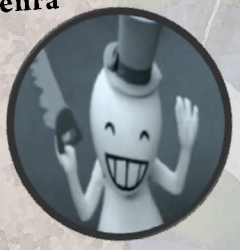


He was a combination of innocence ,simplicity and intelligence. A music lover,singer and a guy who always carried a smile on his face, Abhinav had a tendency to make a place in everyone's heart..I couldn't get to spend much time with him but in a short span of time that I spend with him gave me some of the cherished memories..will remember him as a brave heart who gave his life saving another...May his soul RIP.

Chhoo kr mere mann ko kiya tune kya ishara....



Hasta Hua Nuraani Chehra



Pal pal dil k paas tum rahte ho



Tera mujhse hai pahle ka nata koi, yuhi nahi dil lubhata koi



Ek pyaar ka nagma hai, maujo ki rawaani hai...



Gaata rahe mera dil, tu hi meri manzil...



Din dhal jaye hai raat na jaye, tu to na aaye, teri yaad sataye



Chalte chalte mere yeh geet yaad rakhna....



A TRIBUTE FROM TEAM AASF

Vaibhav Gupta

"Hey buddy, i really miss the expert of linux we had with us, without u around I am still not able to reconfigure my system. All I pray to God is, that this new world that you have gone to gives you your dream work to do... :) May God bless you....
Yours truly,





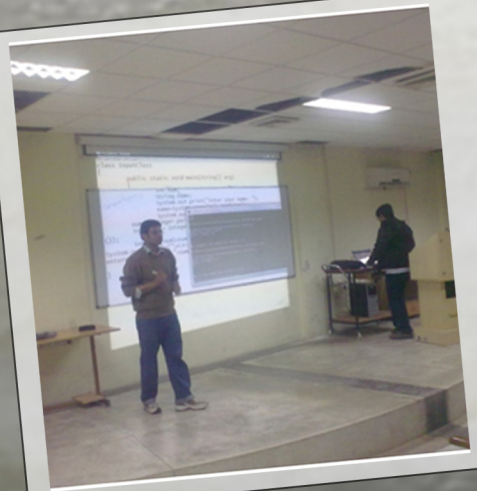
Sidharth Singh

It is no wonder why you were the Google.co.iiitm, a search engine that merely gave not options but solutions to our so called techie problems, together we had worked out all problems and I will never
forget those delightful moments that we had cherished throughout our
college life and even the bitter quarrels, that had strengthened our friendship every time and made it immortal. RIP Tushar.

Manish Sharma

To Tushar Moments spent with you were not moments spent but LIVED... moments where we shared stomach-aching-laughs over not-so-funny stuff and quarreled over petty things. How energetic, fun loving, helping and above all, a true friend you were is apparent from the fact that while writing thisremembrance note a smile crossed my face as all the amazing times wespent together surfaced my memory.





Swapnil Srivastava

Hi Tushar,

Its been quite a long time passed having met you. But you are still alive in our thoughts. The memories of those moments which we have enjoyed together are incomparable. Starting from the java week to direct-i campus drive and server administration, you were the most energetic partner I could have ever found.
Sometimes I keep looking to your email id in Google talk waiting for you to come online. Whenever I search anything on Google reminds me of your dream to be placed in Google. You have left all those drea ms and wisdom in the midst of the journey to succeed them. In the end I just pray from god to keep your soul in peace.

Chaitanya Gupta

It is a matter of great disappointment not only for me but for whole country that we lost one of the most talented young minds. I was not too close to him as a friend but as a batchmate I never doubted his skills. We worked together in Infotsav and many other events as well. We will miss you Tushar!!!





Nishant Kolhe

We had worked as colleagues for several years, sharing the success and never worrying about competition. He became my friend with whom I shared my thoughts.You can't see the sun when it rains, but you know it's there. I hope 'Tushar' you like the sun, we can't see you, but who are always there with us. I still remember those days when we use to go everywhere together and we were compatriots in mischief. Our friendship flourished with time and it was a blow to me when he was taken aback by god. I mourn each and every moment of his absence. My sincerest sympathies to his family that he is no more. It would have no replacement. I have no words, just to say: "Think of him still as the same, I say, He is not dead, he is just - away."

Ark Mishra

I can't express my grief and my feelings with few words. You were not only my batchmate but one of my best friends. Many things I have shared with you. Many times I needed your help. Many times u stood for me,u scolded me, u supported me,u laughed at me,u made me laugh. We were together,but now u hv left me alone..if possible my only wish would be to bring you back. only memories are with me. You smile in my dreams and make me cry. Your last words your last look ... I can't forget. We were moving together but you have gone far away... ... .



Smita Gupta

hey tushar sir,

I interacted with you first time when you were taking my interviews for AASF team.On that day you put a question and I responded a very funny answer on which you laughed very loudly. I remember your smile.There is grief in my heart as if I lost some precious stone of IIITM and of course future of GOOGLE.

Kamya Jaiswal

Heyy Tushar,

It has always been a pleasure working with u in AASF team. I have a thread of memories attached with u from working together as AASF members to those unexpected treats, leaving no chances of leg-pulling and the exciting road trips with the team. As a friend and team mate you have always been supportive to me. I don't know whether to feel lucky to be a part of your last moment or to feel cursed that was it an ill fate which was destined to be. Maybe we were unfortunate enough to have gone to that deadly trip which proved even worse than a haunting nightmare. It was the first time in AASF that we were celebrating the b'days of four members together ... loads of surprises, plenty of happy faces and the bonds grew stronger. But destiny had some other plans for us. The celebration had to end there. But life moves on... We all miss u a lot buddy and wherever you are we pray for your happiness and u don't be troubled about uncle-aunt because even though god snatched one, he has given the whole team and your friends as sons and daughters to your parents and we are here to take care of them as much as we can. Rest in peace buddy... Miss You!



Neetha Reddy

Dear Tushar,

I still remember the last time we met was just a day before this mishap took place. I never knew that it would become our last meet but unfortunately it was. U r still present in our memories and will always be missed. May your soul rest in peace.

Team AASF

We miss you, We miss the time We spent with you,
We wish you, We wish We could spend some more time with you.
In all these days, you are profoundly remembered,
In all these nights you are greatly dreamt of.
The moments of joy n fun n sorrow,
Together shared,
Love n amity...
How are we supposed to thrive?
Devoid of your every act of love care and reprieve
You were our gem, You were our star,
Can never forget you, No matter you go how far
You were with us, You are with us
You will always be with us,
Deep in our hearts, deep in our thoughts,
Strongly missed, strongly remembered....
Though Life is tough n Life is cruel,
Living in hopes, to see you again real...





Jeena isi ka naam hai...

Rishu Mishra

"Kisi ki muskurahatoon pe ho nissar,
Kisi ka dard mil sake toh le udhaar,
Kisi ke vaaste hot ere dil mein pyar,
Jeena isi ka naam hai..."



Those were the days when such meaningful lyrics soothed our ears and stormed our minds with the vibrations of goodness. It beautifully explained the essence of life in mesmerising combination of rhythm, lyrics and voice. And today is the day when ***"Kaat ke rakh dunga tune mujhe judne se roka.."*** is buzzing around clubs and parties, showcasing the huge setback to the golden heights of the past. The standards and quality has dropped to such a low level that the songs have contracted only to the beats of loud drums and so called cool words.

Old is not only gold, it is the gold studded with diamond and pearls. The classic beauty lies in this gold. Songs of the past had the power to move people's mind, swing their hearts, fill them with courage and confidence, create a passion in them, provoke them and even guide to take important decisions of their life.

Even the romantic songs had the lyrics with music which would take you to paradise and you could feel the love with romance in each word and every rhythm. This was the perplexing magic of old music, to express each feeling in a crystal clear way with the least but quality words.

The mystic feeling of

"Chaudhavi ka chaand ho,
ya aaftab ho,
Jo bhi ho khuda ki kasam,
lajawaab ho.."

revealed the true feelings in the most decent way, far ahead of the present.

"Oo la la, oo lala, tu hai meri fantasy..."

which shows the most lusty and materialistic love.

The songs of the past conveyed the meaning in easy way. But today there is no sense in songs. They are emotionless, simply killing feelings and flattering people with the loud beats. Old songs are still living while most of the songs of modern music industry die within days. It can be said with a bang that old is gold and that too a pure one!!!





My Crazzziness

Ashok Ranganathan

Right from my childhood, I had a fascination for movies as would other children have. I would always say a big NO to Hollywood movies, whatever the reason may be. In my childhood, I used to watch mostly Bollywood movies and a little bit of Tollywood (Tamil) movies.

I don't know from where the wild craziness for an actor was born in my mind. It was the period of 2008 March. Exams were over and my mind was empty. As usual, I used to sit before the TV every day and surf channels. One day, as I was doing this task devotedly, I switched to a channel and a typical Tamil song was playing. I had an instant liking for the song, not even knowing who the actor was. I came across the same song many times after that. Later, I came to know that the actor was a person named Vijay. I had heard of this name before but just ignored it. But now, the situation was different. I started to watch his movies and gradually developed a devoted craziness for him. I would watch his each and every film and would listen to his songs whenever I was free (that means practically throughout the day :P). I was not at all involved so much in Tamil movies but I don't know why this happened. But for the time, I was being dragged into an entirely different world. And then, an interesting thing happened. One of his movies was going to be released only in Chennai. I was in the institute 2nd year.It was winter vacation and I wanted to go to Chennai to watch this movie. I was even ready to go without informing my parents and managing with the pocket money I receive every month, such was my craziness!!! But then I went to watch the movie stating to my parents (keeping in mind, the monetary issues :P) that I have to visit my friends whom I have not met for a long time (actually had just met them 4 months back). I entered the movie hall with my friends and the intro song of the movie was playing. I was on cloud nine at that moment, just felt like standing up and dancing like others who were doing so. But somehow controlled my emotions and sat down :D. Back in hostel, my classmates, whoever I met, would give a surprised, scornful look and ask me if I really went to Chennai to watch the movie. Many of them didn't believe at first. Although practically no one would do such a thing, I did, coz I was happy in doing so. The initial wave of madness has faded gradually by then. But still, the madness continued passively for 2 more years.

Recently, one of his movies was released & was discussing about it with my friends. Someone mentioned that the movie would be a flop, & the passive madness inside me sprang up to form. I instantly told them I was ready to bet that the film would be a super hit. Imagine, one person, that's me, against three of my friends. The deal was signed & 10 guys were appointed as judges :P. After thorough analysis by the judging panel, the film turned out to be a hit, alas, not a super hit. I think luck was not with me at that time :P [After giving party to those bloody friends I got to know that 5 out 10 judges were biased x-(.

I myself sometimes wonder how one could be so mad & crazy but then, in life, some things make you happy & satisfied, even when you are unable to give a reason to yourself. So, it is best to take such things in stride & not ponder over it unnecessarily. Just go for what makes you happy..:)



The Internet of Things

The evolution which will change everything.

Kaveri Chaudhary

In 2008, a number of things started getting connected to the Internet. These "things" were not just smart phones or tablets. They were things like coffee machine, fridge and even cattle. Imagine a scenario where your meeting is pushed back by 45 minutes.Your car needs petrol to make it to the train station and the fill-up takes 5 minutes. There is an accident on your driving route causing a 15 minute detour and your train is running 20 minutes behind the schedule. All this information is communicated to the alarm clock, which allows you 5 extra minutes of sleep. And simultaneously your geyser and coffee maker are also informed to turn on 5 minutes late. This is a scenario which can be made into a reality, with the implementation of an evolving concept named, "The Internet of things".

Internet of things (IoT) is a trend, still in its rudimentary stage, in which real world objects or "things" are connected to the internet with the use of sensors or RFID tags. These objects which are equipped with radio tag can be identified and communicated with. This will form a near invisible network among all the objects in our daily life, which would lead to a drastic change in our everyday life.

This form of the Internet was inspired by the fact that the amount of content on the Internet is increasing daily. If all the content from various sources like governments, universities and business all over the world is added together, it amounts to a mammoth amount of data. But this data is not useful in its original state. The true value of this data lies in how it is filtered, mixed together and personalised using Web services. In IoT, machine-to-machine(M2M) interaction is the key. The machines interact with one another by using appropriate Web services. They collect and process the required information including the context information of the user and produce personalized outputs. In this scenario all the processing is done by the machines amongst themselves and the user can simply achieve the required information without getting lost in the vast heap of content.

Advances in the field of embedded system, computing and networking will help us in making this a reality. But this effort will require business, governments, standard organisations and academia to work together towards a common goal. This infrastructure will strongly integrate the environment and blur lines between the IT systems and the real world. It will completely transform the way we design, deploy and use the internet. IoT has the potential to change the world as we know it today-for the better.

Did you know ??

*The first Internet worm was created by Robert T.Morris, Jr, and attacked more than 6000 Internet hosts.

* Butler Jeeves of the Internet site AskJeeves.com made its debut as a large helium balloon in the Macy's Thanksgiving Day parade in 2000.

* It took 13 years for television to reach 50 million users- it took the Internet less than 4 years.

* The average computer user blinks 7 times a minute.

* Satyam Online become the first private ISP in December 1998 to offer Internet connections in India.

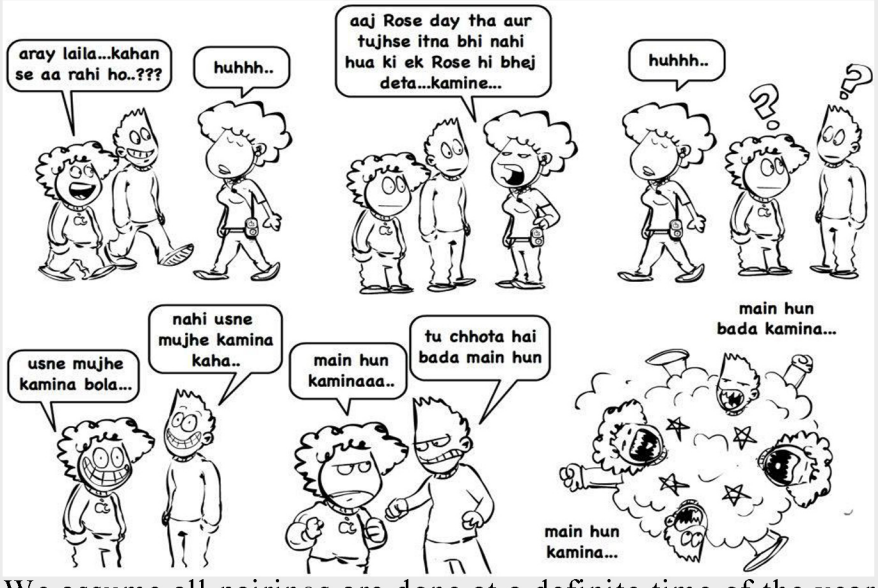


How Harmony is Maintained in an Institute Despite Low Number of Females

Mr. Rahul Kala, Alumni (IPG2005)

Background: In a system where there are fewer resources and more demand, there naturally would be aggression amongst the resource seekers for the resource. In the previous Aurora, I tried to play a technical cupid, matching males with females. This Aurora I realize that there may be exceedingly large number of males to try on females which by no doubt are scarce resources (non-reusable as assumed in the article, big assumption though) within the institute. Failed attempts may lead to un-socialistic behaviour (examples suppressed) which means this need to be curtailed for harmonious living. In this article I show how the number of failed attempts is guaranteed to be low despite a small female to male ratio. Readers not familiar with set theory or logic programming may skip the mathematical parts of the article and believe the author's conclusions were results of some heavy computation.

Modelling and assumptions: Let total number of males at time 't' be M(t) and total number of females be F(t). Non-males are not considered in the study. Let committed males be comM(t) (comM(t)$\subseteq$M(t)) and committed females be comF(t) (comF(t)$\subseteq$F(t)). Hence at any time there are a total of M(t) – comM(t) males available to try on F(t) - comF(t) females. Let the desirous men be desM(t) (desM(t)$\subseteq$M(t) - comM(t)). Some males may have high expectations and may not participate, some may be interested in other stuff and may hence not participate, some may be in social circle where participation is not possible, etc.



We assume all pairings are done at a definite time of the year (say Valentine's Day). To the best of my knowledge Aurora always follows Valentine's Day. So new couples formed at the Valentine's Day can be easily be observed at Aurora, which many people have been doing since long. We further assume that every female rates the males on the same factors and every male rates the females on the same factors. Hence if two females are to rank men, the rankings would be similar. Similar is the case for males. Broadly this is a valid assumption leaving some characteristic males and females who do not necessarily participate in the process.

Let the utility perceived by a male 'm' of himself be P(m) and let the actual utility as rated by a female be V(m). Since the assumption is that pairing is done at a definite time, every desirous male 'm' (m$\in$desM(t)) may select a single female f (f$\in$F(t) – comF(t)) to try upon. Since the set desM(t) and corresponding member's actual utility is unknown by 'm', there is

no way to predict best female to try upon such that chances of acceptance are high. For a practical understanding recall the discussions just after a new batch arrives.

Now every desirous female selects the best male, if the actual utility of best male is above her expectation level (say E(f)). Hence for a female 'f' ($f \in F(t) - comF(t)$) let Q(f) be the queue of males who tried upon 'f' ($Q(f) \in desM(t)$). Q(f) pictorially represents the queue of males standing outside the female's house as depicted in numerous cartoons. Mathematically $\bigcup_f Q(f) = des_M(t)$ and $Q(f_1) \cap Q(f_2) = \phi \forall f_1 \neq f_2$ and . Pairings (m,f) of a male m and female f done at the time t are given by equation (1).

$$Pairing = \bigcup (m, f) : V(m) \geq V(m_1) \forall m \neq m_1, m, m_1 \in Q(f), V(m) \geq E(f) \forall f \in F(t) - com_F(t) \quad (1)$$



Objective: The total number of failed cases are | desM(t) – Pairing | (Here | X | denotes size of set X). Our task is to prove | desM(t) – Pairing | < ε for small ε.

Proof: We have assumed that comF(t) females are already committed. Let pair(f) denote the male corresponding to female f. We have the assumptions that non-males are excluded, the number of females is far more than males and males are uniformly distributed in their utility values V(m). Let f1 denote a committed female whose corresponding male has the lowest utility value (f1 = f: min(V(pair(f)), $f \in comF(t)$).V(pair(f1)) is the lowest utility male who could manage to be committed. In the next iteration of pairing we expect males around the same utility to get committed and not one's who are way below the utility value. Let f2denote the lowest utility uncommitted female who may be paired in next iteration. Let pairE(f2) be the expected pair of f2. Mathematically we may write eq. (2).

$$\mathbf{abs(V(pairE(f2) - V(pair(f1))) \leq \delta} \quad (2)$$

Here abs() is the absolute function. δ is a small number. Equation (2) states that in pairing of the next iteration,any male whole utility is far below (with a margin of more than δ) the minimum utility committed male (as per previous pairings), would not succeed.

However a male m does not know his actual utility V(m) but his perceived utility P(m). From equation (2) we may write that a male only attempts if (equation (3)).

$$\mathbf{P(m) \geq P(pair(f1)) - \delta} \quad (3)$$

If all males have close to real idea of their utilities (P(m) ≈ V(m)), only uncommitted desirous males in the utility range [V(pair(f1)) – δ, ∞) participate. Since we have a successful case of utility value V(pair(f1)), with the assumption of no change in utility distribution of uncommitted males over time, we may state that the probability that all unsuccessful cases lie between utility values [V(pair(f1)) – δ, V(pair(f1)) + δ]is very high. For small δ the range is small. Hence let unsuccessful cases be MU. (MU = m: V(pair(f1)) – δ ≤ V(m) ≤ V(pair(f1)) + δ). For small δ, | MU | < ε, which completes the proof.

C-factor: However in many cases a person may perceive his utility much higher than the actual utility (P(m)>>V(m). If such cases are large, the number of failed attempts may also be large. For theoretical discussions, let us define C factor of a person based on how high he perceives his utility, than his actual utility. This factor is given by equation (4).

$$C(m)=\begin{cases}0 & P(m)\le V(m)\\ e^{\lambda(P(m)-V(m))^2} & P(m)>V(m)\end{cases} \quad (4)$$

Here λ is a constant. Males who have P(m) close to V(m) as per earlier discussions have high chance of being committed, while the ones who have large difference have minimal or no chance. Hence C-factor is on exponential scale, whole value is almost zero for low values of P(m)-V(m), but increases drastically later.

People with high C factor may naturally not get selected. One option in such case is todrastically reduce the perceived values ($P^{t+1}(m) = \alpha(m).P^t(m)$, $0<\alpha(m)<1$, $P^t(m)$ denotes perceived value at time t). In such a case for large values of α we observeP(m) swiftly converges to V(m) and hence as per above discussions failed cases reduce with time. For an IPG student the maximum tenure would be 5 years, which emphasizes on need of fast convergence. The other option is to have self-confidence and make no change, which may rather be suicidal, but may many times be the option of males with the sole motive of being committed. Broadly speaking the number of males with high C(m) must always be low for low total number of failed attempts. Temporary increase may be controlled by having large α(m). In other words average C factor of first year must be low, and for few cases with high C-factor, the factor must reduce with years, for the number of failed attempts to be low.

Conclusions: Big gang of people on valentine's day at store; gang of boys behind girls fighting to wish valentine's day, birthday, or any other day; cold war in hostels; etc. are all myths and nothing to do with reality. In reality only a few people may be seen in all this. For verification of the proofs on real data agents have been deputed to collect information about proposals at all key locations. Hopefully there should be more findings soon.

Nomenclature: $\subseteq$(subset), - (set difference/subtraction), $\in$ (is a member of), $\cup$(union), $\cap$(intersection), $\forall$ (for all), ϕ(empty set).



Valuable Part Of Me: My Institute

Shweta Kamboj

How much does a new place give us is 'unexpected'.....

I was a girl who never had the nerve to say even a few lines in front of a class of few students. Now, I have expanded my arena so much that now I have courage to participate in each and every activity on a platform in front of everybody. Honestly, I never had those guts.

Not only this, but this institute has given me something more than enjoyment. It is that we all value i.e . education. A very unique tradition in this institute which makes it unique from others is the Peer To Peer learning. I mean, that nowhere else the seniors take the responsibility of making juniors learn the things that they actually need to know. They take out precious time from their busy schedules to make us 'precious'. Another forum we have is E-cell, to boost up the young entrepreneurs. It works on an awesome idea to bring out the innovative notions that may become bigger creations tomorrow.

We all realize that we are at the right place and that is why we value this institute and love this.



KISHORE KUMAR AND HIS STYLE

Swati Sinha

The synonym for versatility, Kishore Kumar did every possible job in the industry – Playback singer, actor, lyricist, composer, producer, director, screenwriter and scriptwriter. But he was popularly known for his melodious voice. As a boy, he was enamored of Saigal's style of singing. Like Saigal, he too had natural instincts and talent on his side.

Here I would like to congregate some of the interesting incidents of his life :-

Kishore Kumar was known for his pranks. Once he started pretending as if he had his son accompanying him everywhere. He would talk to the invisible kid and reply in a different voice. If he didn't like a song while recording, he would say in a child-like voice, ***"baba yeh gana achha nahi hai"***. Then he would reply in his normal voice, ***"nahin beta aise nahi bolte, ghar pe jake bolna"!*** The industry took it as another of his jokes and used to address his imagined son as ***'manas putra'.***

He had put a ***'Beware of Kishore'*** sign at the door of his Mumbai's Warden Road apartment, where he stayed for some time while his bungalow was being done up.

Once, the producer-director H. S. Rawail, who owed him some money, visited his flat to pay the dues. Kishore Kumar took the money, and when Rawail offered to shake hands with him, he reportedly put Rawail's hand in his mouth, bit it, and asked "Didn't you see the sign?". Rawail laughed off the incident and left quickly.Previously, at his doorstep in MP, he put a board ***'Mental Hospital'*** instead of the family name plate.

Kishore Kumar was very particular about his remunerations. Once a producer paid him half in advance and said that he would like to pay the rest once the film is completed. The next day, Kishore Kumar shocked everybody when he appeared with half of his head and mustache shaved! He insisted on filming the movie till he was paid the full amount!

Once it was a Bappi Lahiri's composition that Kishore Kumar was supposed to render at Bombay Film Labs. All were awaiting his arrival. Bappida was dressed in a flowing Kurta and his trademark jewellery. He said aloud - ***"Abhi tak Kishoreda nahi aaye."*** Someone told him that KK had come, peeped into the room and left. A puzzled Bappida ran out and just managed to stop Kishoreda's car inside the gate of the studio compound. Seeing him KK asked him - ***"Arre Bappi tum kahaan the? Main aake dekh ke gaya. I never saw you!"***Bappi assured him that he was very much in the studio when KK had peeped in. On this Kishore Kumar replied - ***"Bappi...stop wearing such jewellery and flowing garbs. Seeing you from behind, I actually thought I am in a wrong studio and that Usha Khanna is recording her song there."***



Three people from Barrackpore, West Bengal, went to Bombay to contact singers for a musical programme and they went to Kishore Kumar's bungalow to confirm his appearance. They were asked to wait in the drawing room by an employee of Kishore. then they sat there for more than an hour but there was no sign of Kishore Kumar and not even anybody came to explain the delay. Suddenly Kishore Kumar emerged from under one of the sofas where he apparently was all the time, right there with them. Kishore explained that he was in the drawing room when they arrived and he did not want to sing at the programme so in a hurry he hid under the sofa but since they were so persistent he had to come out and agree to participate.





One of the inspirational quote by Kishore Kumar…

"Change is the only reason why I have survived so long"

"Sea waves, passage of time and the journey of life, can never be the same. Their pace and speed always keep on changing and when these changes come, keeping in mind its timing and demands, it is wise to bring about changes in oneself. This is equally applicable to all professions." said by Kishore Kumar

Lastly Kishore Kumar sang the antra from ***'Chalte chalte, mere yeh geet yaad rakhna'*** and told Bappi Lahiri that he would like people to remember him through his songs. He passed away the next day.

Really ***Kishore Kumar***, a voice which enthralled, enthralls and will continue to enthrall millions

Broken Pieces

Ravi Shankar

My loneliness is dragging me here and there
Am trying to find broken pieces of nest everywhere.

My nest didn't look like a piece of beauty
Before I thought it was just GOD's duty.

In love things appear slowly and lovely
With you was no such feels, but now I feel heavy.

These scattered pieces creating some sad old music
I need you know since you knew the whole lyric.

Life is like walking in the rain
Where we got wet for hang out
Now I am searching
A soothing hides out.

That nest wasn't the wonder
For me it was my savior from thunder

He was just a normal guy
Now I realize how much space in my heart he occupied.

I felt relaxed knowing
You are on my side
Can't imagine how you feeling
When I am not on your side.



Something Cryptic...

Avijit Gupta, Alumni (IPG2006)

I stood there, waiting, straining my ears trying to sense her arrival. Today was the day. I was going to say it, no matter what. I agree, I feared losing her friendship. But it was time for the butterflies in my stomach to find a new home. I ended up merely glancing at my favorite books, unable to read, think or do anything productive. As anyone could say, I was crazy over her.

I stood in front of the dean's office, away from faculty offices, standing just away from the staircase from which I expected her ascent. It was the safest place for my purpose, since our Dean of Student Affairs (or DOSA as we called him) was out for lunch and wasn't expected for an hour. I had managed to get out of today's class by faking an appointment with the DOSA, only to see that things are in order. They sure were. The DOSA's room was locked and there were no faculty members in sight. A confused rally of steps could be heard on the floor beneath. The class had broken, and I knew that she was on her way.

Despite so many sleepless nights and wandering thoughts, I could not answer one basic question. Why her? I simply loved it when she re-positioned her neatly trimmed hair and my heart skipped a beat when I saw her smile. She was elegant, beautiful and funny. Her eyes, which were very expressive, furnished a spark, as if radiating a million questions in one sight.

She had first talked to me in my first year regarding some issues with the class schedule. As time passed, our telephonic conversations and chats increased exponentially. Initially I had ignored any feelings, thinking, they might be indications of a rebound relationship. But as the days passed, my feelings amassed and my friends indicated that I was in a "hopeless" situation. Talking to her was in my daily schedule. She helped me forget things I hadn't forgotten in the past seventeen years. I had to face the truth. I liked her.



I liked everything that she was. Sweet, smart and intelligent were only adjectives. She was far beyond. If life was sun, she was the morning ray. I And if life was water, she was an ocean. I couldn't find an apt scale to measure my feelings for her. Mathematically, I could compare them to any non-zero number divided by a zero. And chemically, the amount of heat evolved in an uncontrolled nuclear fusion reaction. All of them had the same answer – INFINITE.

The clutter had gone away and I was straining my ears for any possible sound. Then, I heard discrete sound of footsteps ascending the stairs. It was her. My senses had even taken a good note of her gait. It had to be her!

The footsteps that seemed to ascend suddenly stopped. She was still out of my sight, but the silence indicated that she was standing somewhere on the staircase. She was descending

now, but the very next moment, changed her mind and ascended with some finality.
I thought, "A moment of indecision? What does that mean? Should I even go further with the plan?"
The moment had come. My heart was throbbing strangely and some exothermic reaction seemed to have erupted in my body.
I could see her now. She seemed flushed and was smiling. I was thinking, intensely.
"Hi", said Jia.I lost my speech. "That's strange", thought I. "I really haven't had any problem talking to her. Then why now?".



"Hey, how was the class?"
"Good! I see you escaped ten minutes early."
"Yeah-" She continued, "Professor Srivastava gave us a surprise quiz right after you left. He thinks you're bunking classes by framing appointments"
"There goes my A", I thought. Quickly recovering, I said, "No ways! I really had this appointment. But the dean seems to be out for lunch!". Realizing that the entire conversion was going the wrong way, I switched the topic of conversation.
"I didn't get a chance to give you a birthday gift. I've made you a CD of some songs that you might love. And.."
"And ...?", she said.
"And this CD also contains a cipher text. Also hidden somewhere in it is the key. You love cryptography, right? Breaking this code might be fun!"
"Wow! That's interesting. What does it contain?"
"You'll figure it out. Just try to break the code."
Great. I'd love to do that".
I saw she was a bit nervous, crackling her fingers and repeatedly adjusting her hair. "Is she being self-conscious?" I blurted out- "Hey, I need to tell you something.."
"Yeah", said she, finally resting her eyes on mine.
"I think I have started liking you. I am not sure how and I totally have no idea when- "
She was looking at the floor now, as if searching desperately for words.
"I really have feelings for you." I looked at her with all the courage I could muster while she still feared making an eye contact.
"Now would be a good time for you to say something ..", I said
"I'm not sure Avinash. I like you as a friend. I'll have to think."
The response was as I had expected. "Good, things are on track", I thought.
"That's okay. How much time do you think you need?"
I had known that generally the answer might be in months or even a lame "I don't know". It was neither,
"Two days"
"Really? Two days? Like 48 hours?"
"Yeah. But in that duration we won't talk, neither in class, not on phone, chats or messages. I want to analyze if I can live these two days, happily, without you."
Strange, I thought.
Since the time I had first met her till the current moment, I had always wished for her to smile.
But suddenly I was ardently praying to the almighty, "God, please make her miserable without me."
I guess everything IS fair in love and war!



CAT – Conformation After Trial or Combating Anonymous Threats!

Shruti Mishra

Writing a piece on MBA, brings back all the memories of innumerable days (and nights) spent in the bitter-sweet journey of making it to a B-School. Burning the mid night oil seems a lot more easier (Literally) as compared to the burning of each neuron and nerve of one's body when it comes to the preparation of the "C(AT)-Day" (Rat race part t1)

The examination lives up to its name in all respect. Resembling the feline character as the name portrays, the questions come in all sorts of mysterious packages, slithering through the nerve cells of an aspirant, challenging him to take the daunting task in 90 minutes post which the results are declared like a Pandora's box; it may either yield you a chance to be part of much awaited rat race (part 2) or else, if you are lucky enough, you get another year of tranquility and trial. Quantitative analysis can haunt you for endless hours with its eternal problem creator masquerading under the guise of x, y, z and often concealed in the intricate pattern of random numbers moving in some-God-knows-what progression and series. Data Interpretation takes its toll with the casualty rate going as high as 97.67% and later, the misinterpretation rate from the section being 99.46%. Verbal Reasoning finds its own reasons for not being able to reason out the questions well with the aspirants and the Reading Comprehension makes one think of taking a shot at the Crystal Maze and winning, rather than spending precious moments of life in comprehending something which is beyond the reach of a perfectly normal brain. The jumbled paragraphs have a pattern more complicated than the trail of lost vessels in the Bermuda triangle and IFJ (Inference, Fact & Judgment) surely knocks out the remaining trails of compos mentis of an aspirant. The icing on the cake is the struggle, which will last for 90 odd minutes and just-in-case you lay at the bottom of the pyramid, you'll get isolated from the mass and kept in a Hijli Camp for another year till you are let out again on a day's parole to combat the serpentine monster and find a release. With this premise, the point I want to emphasize here is that, we are mere mortals walking on the face of the only planet with life and it would be simply satanic to force someone to take up an exam on the whims of an authority which renews its regulations every year minus the consideration of infrastructure to support their fancies. It should be more of convenience for the takers rather than "only the evaluators". One should write an exam only if one is prepared for it rather than simply giving it as a shot in the dark. If Prometric really wants to follow the GMAT pattern, it should also adhere to the admission processes (which is twice a year – Fall and Spring) as well as the choosing the date/day of examination all through the year as per a candidate's readiness. This would yield better results rather than revising theDarwin's theory in every 12 months.

Hence, it can be safely said, "When in Rome, do as the Romans do" certainly holds true for most part of the globe but ***"When in Indian, do not follow the Romans".***





Old Songs: Rhythm of past

Nishant Agrawal

For a few it gives nostalgic vibes, for some they are perennial source of inspiration and for some others they are their favourite hideouts of daily problems. But, for me, they are like the wind chimes in the myriads of melancholic sounds, pampering me hundreds of miles away from home.

"Chhodo kal ki baatein kal ki baat purani"

No doubt the great lyricists from past decades were not only known for their plethora of style of writing but also to foster the sense of national pride ,reminding us of our social responsibilities, to break the walls of religious and social dogma and to acknowledge the real you.

"O Maajhi re apna kinara nadiya ki dhara hai"

Though the new wave of music is fully embellished with a lot of digital instruments and also we are importing multiple styles of music like rap, jazz, indies, rock etc, some time in midst of them, I just feel like paddling hard against some raging brook and yet again I choose to slumber in the silent cradle of old music.

"Jab pyaar kiya to darna kya"

Old music has always shown me a kaleidoscopic view of romance, some like fountains of emotions and pain, drenching everyone around whereas some like the vast grandeurs of the Taj Mahal, bragging of its magnificence .A number of songs by Mohammad Rafi, Lata Mangeshkar, Kishore Kumar and various other artists had been tickling a million of hearts generation after generation.



"Tum mujhe yun bhula na paoge"

We all are busy people. All our heavy losses and sorrow, cheers and laughters are wrapped in covers of past, but old music like old spirits would always be nurturing us, comforting us and reminding us that today is not a bad time but just a different time and would pass one day, a day we will also be carved in the passage of time.

The Lyrics Say It All

Ati Goyal

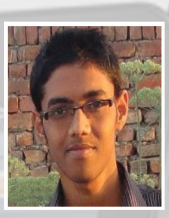


"Accha to hum chalte hai…"

the extremely romantic song of its time from the movie Aan milo sajna has quite an interesting story behind it.

Anand Bakshi, lyricist and Laxmikant Pyarelal , Music Director had spent hours thinking, to come up with a song that could fit a situation of the movie. When almost 10 hours had passed Laxmikant ji got up to leave and said ***"Accha to hum chalte hai..".*** In reply Anand ji said ***"phir kab miloge?"*** to which Laxmikant ji replied ***"jab tum kahoge"***. And suddenly it struck Anand ji that they had just come up with the perfect song. Laxmikant ji stopped right there and the duo formed the whole song in about 2 hours.

The voices of Kishore da and Lata Mangeshkar filled life into the song and made it one of the most relished songs of the 1970's.



Tablet Revolution in India

Rajesh Kumar

Tablets are no longer the exclusive products of big brand names like Apple Inc, Samsung or Sony!!! A new breed of Indian branded tablet devices has entered the market to grab the piece of cake that the lucrative tablet market offers.

But how do these 'India' tablets scale up with the international brands, what is their USPs, Customization level, and prima-facie, the Quality?

Tablets help in personalizing the individual's digital life. Content consumption will form the backbone of Tablet adoption in India. The consumption patterns span multiple formats: Entertainment (Music, Movies, Gaming, Cricket etc.), Video (calls, video sharing sites, LiveTV), social networking & IM, web browsing & educational content (wikis, online digital libraries), 'T-banking', & productivity enhancement tools & corporate applications (e-mail, word processing, spreadsheets etc). The reason why tablets are flurrying in the market is the value for money they offer. In India the "Low cost" tag has contributed to the Revolution.

Tablets provide a great ease in personalizing as well as in sharing things that can be social, professional or public. Apps. like Video chat and LiveTV already popular with Smartphone users around the world are expected to become popular with Indian tablet users as well. Android is getting better & better for the tablets & the apps developers are focusing on expanding the user base. Tablet-specific websites & 'apps', data focused applications has also made the market attractive for advertisers.

India has witnessed a rapid launching of tablets from varied companies, aiming to "wow" the consumers with snazzy & new offerings. Currently, the India media tablets market has many models available with a range of features and at a variety of price points. The homegrown tablet PCs are on the rise and it's evident in the number of devices invading the consumer electronics market. Accompanying the no. game is a fierce competition among companies to roll out products that are low cost & rich in features.

"Aakash – World's Cheapest Tablet" A tablet to enhance the education standards, was launched and got an overwhelming response. All the Aakash tablets were sold in no time and already there are 1.5 lakh pre-orders of the Aakash 2 tablets. Aakash at a very low cost provides access to internet, media, and educational purpose softwares.

Aakash set up a completely different market for the E-tutor learning Tablets. Following the steps of Datawind, many other companies launched a range of tablets, with price ranging from Rs 7500-15000, claiming to be better than the Ubislates. The Tablets got a warm reception from the consumers, but the question is for how long. Tablets are like a fusion of features of laptop and Smartphone into a single odd sized device. And when people love to have them both, it seems immaterial to fancy for a tablet. Moreover tablet computers are a fad and the booming sales figures are bound to plunge gradually. The target segment for Tablet users presumably own a laptop at work and/or home and a Smartphone for communication needs, therefore it is difficult to accept that one would spend over $250 (Rs. 10,000) for a device that would pretty much do the same that is already being done by the devices one already has.



SysAdmin: A Server Rider

Infotsav is an opportunity to learn something apart from the bookish knowledge

Swapnil Srivastava

The thing which made me suffer a lot when I was the organizer of two very much anticipated simulation events (JobBureau and Stocksutra) was IIITM server and unfortunately in Infotsav'11 I was one of the admin of it. While handling any job in a fest you are bounded with lots of responsibilities but when dealing with servers there is one more thing which bounds you and that is "FEAR OF CRASH".

Tushar and I began this journey with excitement and enthusiasm. For the very first time in the 4 year span at IIITM we were allowed to enter server room without any permission and do whatever we wanted on two servers (192.168.0.24 and 192.168.0.7). Both are the Web Servers of IIITM hosted on public IP 210.212.152.4 and 210.212.152.5 respectively. But the real catch was that we were provided with the old proxy server of the institute to make student's server 192.168.0.24. Initially we were convinced that it was quite a powerful server as it was the most flooded proxy server of the institute for such a long period of time. But like a good dealer or salesperson no-one was there to introduce us with the limitations of the server. Soon we came to know that the server neither had DVD reader nor did it support any USB component; sometimes it didn't connect with the public IP for network installation of OS and sometime we had to deal with automatic refresh of route setting. Phew!! A long and difficult journey of administrating this kind of machine was clearly visible at that point of time. But we never gave up because *'where there's a will there's a way'*.

We knew we had a tough job at our hands but we were not intimidated by its sheer magnitude. Whenever Tushar and I couldn't find the solution to our problems, we used to approach our saviours Ronak sir and Piyush sir who helped us a lot through thick and thin. Their huge knowledge and experience of handling web servers made us believe that we can cure any glitch, however complicated it may be.

Well talking about my next job in Infotsav'11 i.e. Simulation Head, I was quite a lucky guy because juniors who were working as the organizers of Simulation Events have done a brilliant job. All of them exceeded my expectations in handling of the events. All of the events received overwhelming response from the participants. I want to heartily congratulate all of them for their sincere efforts to make all Simulation Events a success. It was a definitely a tiresome but an extremely fruitful experience. It is quite hectic when the site hosted on your server cannot be accessed from the client machine and you are checking each and every line of /etc/httpd/conf/httpd.conf file 100 times and in the end the reason came out to be the annoying firewall. All this hard work finally paid off and all the events ran smoothly without a single incident of server crash.



This fest gave me the full opportunity to learn the things which I can never expect from academics a subject in every odd semester which don't gives any grade but enhance my knowledge, confidence and last but not the least Curriculum Vitae.



Dreamer to Developer

Mudit Jaju

I am a very predictable person for those who know me even a bit. Two things anyone can associate with me are Batman and Games and I'll talk to you about one of them.

Games have fantasized me since I was a kid; I have played almost all childhood favourites like Pac-Man, Dave the Dangerous, Mario, Duck Hunt, Contra, Sonic, Tetris etc.

Games are my portal to escape from the world of Reality, I can do things I always wanted to do, but was bounded by the chains of reality, like Jump from the highest mountain, fly over the rivers, be my favourite cartoon character. As I grew so did my imaginations and the games already in the market were unable to meet them and hence I started to develop my own game ideas. This is where the Game Programmer in me was born.

But there is still a long way to go before I can make these BIG game ideas a reality, I need to take it slow and start from the basics and hence Casual Gaming is the perfect platform. Casual games have a HUGE audience. These games are easily available, easy to play and are generally FREE.

Having developed only a few games as of yet I am still a noob in this field but have lots of experiences to share with you. I developed my first game using Adobe Flash, I learnt about this technology from one of my current 5th year seniors, (who wouldn't like his name being mentioned :P) , I was very fascinated by the amazing Infotsav Website that he developed on Flash and hence I started to explore more about this technology. Casual games are easy to develop on Flash and there are a lot of tutorials and articles available on the internet which can help you along.



The next game I developed was on Visual Studio 2008 using C# and XNA framework, Visual Studio is a bridge between casual and hardcore games. Games on Visual Studio are a little difficult to develop for beginners but the engine is a lot more stable and you can do a lot more complex things without increasing your CPU load. Next comes the Mobile Gaming, and as you all know, iPhones and Androids are a booming market for casual game developers. There a lot of free and open source technologies available to develop games on iPhones and the Androids like Cocos2D for iPhones and Engine for the Android. Casual gaming market has a huge potential, it is a gold mine for anyone who has the will to dig.

Last I would like to add, be it games or other software or whatever you do NEVER leave your projects in the middle. If you start something make sure you finish the project no matter what it takes. It is the only mantra for becoming a good programmer and developing your skills.



Smartphones... Symbol of Smartness or Status

Navneet Kumar

Gone are the days when people bought a phone just for the sake of talking. Gone are the days when people used to spend a few thousand bucks just to get their voice transmitted or have the privilege of taking a snap or texting... now is the time to do more than just talking and clicking. Now is the era of smartness on the street.

How would you like to check your mail or even the latest news while you are travelling? How about having the weather updates or even querying for basic directions. Asking your phone to suggest you the best restaurant in the area rather than taking the pain of asking the local guys. How about being a complete man & have the whole world rite on your palm.

Coming to the difference that this little gadget has made on our lifestyle...how many of you still remember pressing the keys of your phone twice or thrice just to get the right character on your little screen (reminded me of using the clear button more often than not... :D), ever thought of updating your favorite Facebook status from any place or ever thought of tweeting what you just saw at that very moment!!!

Honestly, with a range of apps for these smartphones, we have barely scratched the surface. A wide variety of apps can be downloaded from online stores, allowing you to customize and personalize your phone. Games, photo utilities, online magazines & interactive reference apps can help enhance how you use your smartphone. The smart phone eclipsed TV in our hierarchy of needs. Smartphones have become our navigator, communicator, educator, entertainer, health monitor, discovery device & status symbol. Information is easy to access with the smartphone and its constant connectivity to the Internet – it only takes a few taps & a couple of milliseconds to discover boundless data on countless topics, making learning easier & assisting curious impulses.

In couple of years a phone became a necessity from an accessory & why not... people have always demanded more from this little gadget & companies have more often than not come up to their expectations. In our present society being connected & constantly updated is seen as impressive. But question that arises now is, is it really necessary for the common man to have such a gadget with such enormous capabilities or is it just a show off. If you are a common man and own a smartphone I ask you... how often have you used your smartphone to its full capacity (apart from updating your FB status or playing games). Is it the need or the peer pressure that has driven you to invest such huge amount in this gadget? Are you keeping it for the sake of using it or it has become your status symbol? It's easy to get carried away with the advertisement jargons & you may think that it is really a value of your money but deep down do you really need it?

For a techsavy who goes to his bed after flicking through the screens of his smartphone, it's a must, but not all fall into this category; for others it's just another device which they can use to make a call or text. The smartphone is doubtless a tool that has power to make its user master of his or her own sector of the digital world but one should also weight his/her needs before investing in these gadgets. It should not be confused with something that one is supposed to have just because others are having it.



College Life - A new Journey

Pawan Kumar

I still remember the very first day when I joined IIITM Gwalior. It was 27 July 2007, my first day of a new journey; a journey that was going to teach me a lot about life. All I wanted to know on my first day was the answer to a simple question, how to start this journey? But there was no one to precisely answer that question.

Life kept going; I learned from people around me, life taught me many lessons but still to the very day I don't know the answer to my question but what I do know now, is what I could have done to make it a better journey and a memorable one. Based on my experiences of life, I am sharing with you what I think we should do in college. It is just my view point, reader's discretion is advised. [:P]

I believe that one should make real good friends during college life because you won't get another chance to live this life with such people. Try to know people, talk to them, understand them and most importantly don't judge anyone by what others say about him/her. Understand that you can't get along well with everyone so let go things which you can't control and make the best of what you can control. Choose your friends yourself and keep them close. Share your secrets with someone special (your Raajdaar). Help your friends, juniors and faculty (ab kitne maje loge yaar :P).

Click a hell lot of pictures, make memories and preserve them because one day you will surely miss this phase of life and these pictures will remind you how awesome life was. Plan a few trips with friends, have bakar sessions, tease someone you like, occasionally annoy someone you don't like :P, talk to some random person you don't know, have walk and talk sessions with friends, learn a new sport, sing something for your friends even if you are really bad at it (which I actually am :P). Experience love if you get a chance (which I surely didn't get :P) but never ever make it an excuse for your failures.

And if after all this you still get some time then do study as well :P because that's what you are here for. Do your work sincerely and don't cheat yourself. Try to learn new things instead of making excuses for what you don't know. Don't follow blindly what your friends do just because you think it is cool. Take advice from experienced persons & seniors; use your own mind while making decisions that are going to affect your life. Ask for help if you need it. Spare 5-10 minutes daily to think about what you are doing with your life. I have seen people getting wasted, hopeless during this phase of life & at the same time I have see people who work so hard to accomplish what they want. The only difference between the two is in their attitude towards life. Whenever you feel low or hopeless think of your parents, how much they have done for you and what you want to do for them. Life is all about being a good human being, no matter what others say, live it for yourself and for your loved ones and most importantly enjoy these wonderful years of your life because you won't get to live it again like this.

No one but only you could make a difference in your life so live it the way you want, live it wisely :)



Football --'The Beautiful Game'

Where winning isn't everything, it's the only thing.

Anindya Kumar

The passion, excitement, exuberance, tension, vigour, zing before, during and after a football match is immeasurable for any fan, follower or player of a football team. Football addicts can be broadly categorised as:

*Plays football with total commitment and has minimal interest in following any team.

*Watch's football with total commitment and has minimal interest in playing it.

*And the most interesting and passionate mix of the lot: The ANONYMOUS" :D

So if you are reading this then to know more about the first two kinds visit either the ''so called football field'' or the ''so called TV Room'' and observe.

Let's try to identify the anonymous dudes and figure out who I am referring to in your group of friends.

*The Anonymous are not born like that-- Either due to continuous defeats in cricket or coolness to support a CLUB they migrate to this category.

*They wear their Rs100 fake/ pirated football jersey with Attitude shining bright on their faces.

*The Anonymous breed prospers all over the campus but you never know when one would migrate to this state. In some cases a person having zero interest or knowledge or skills of football would next day be updating on his FB profile passionate status's about a team.

*The Anonymous fight for their team/club more than the committed watchers of the game even if they haven't watched the match.(That's what makes them the most interesting lot)

*Their FB dp's/ GTalk avatars usually contains the "most common and easily Google'd" snap of their club/ team.

*After having tried playing football and trying to fool themselves with the ball, all hopes of them getting involved in the talks of the game come from their passionate following of their club.

'The Beautiful Game' can be played anywhere, on almost any surface, by any number of players, for almost any length of time. There is no country on earth that doesn't play it. It has inspired more passion, more courage and more excitement than any other sport in history and dwarfs everything else.

Coming over to the football computer games like FIFA, PES and Football Manager. They are quite possibly the only games that can make you feel completely stressed out, pissed off angry like, and exceedingly happy at the same time.

"Some people think football is a matter of life and death. I assure you, it's much more serious than that." ~~ ***Anonymous***





Abhishar

This story is largely a piece of fiction, although there is an implied resemblance to a real-life situation.

Gaurav Ojha

"He also helps me with all my homework, and then we play rock-paper-scissors", Ahmed chuckled while speaking to Diana, who could only marvel at the number of times Ahmed talked about his buddy. She did love him. Completely abreast of the complications that had popped up in the previous week, all she wanted was to see Ahmed happy. "Why don't you try showing your trick to Sunny, I'm sure he'd be any less than impressed", Diana instructed. Ahmed, an 8 year-old idealistic kid, was by any means no less than a 3rd grader. Diana, his 32 year-old school teacher, believed he has the most unusual ability to bring life to objects around. On numerous occasions, Ahmed would just sit near the window and stare at the beautiful garden that lied close to his school. He would then compare the trees and ask her about their features. She would patiently explain all that she knew, to him. In a class of 47 odd pupils, Ahmed was one lonely kid, who always thought and talked about his only relative – Abhishar. Nobody had ever met him, but they knew all about him from Ahmed, who always had something new to talk about him.

"And the other day I was almost late for class, he adjusted my tie so fast, it was amazing!" said an excited Ahmed. Diana always listened to him, intently. She had no kids herself, and thought of Ahmed as her own child. She used to wait near the bus-stop every day for the school bus to arrive, from where she would take him, among other kids, to the class. The fact that they were differently-abled never deterred Diana from training them. She used to speak to them, listen to them, teach them drawing and play with them. The school authorities counted on her, and she went on delivering knowledge to the best of her abilities.

Everything about the class was usual that day, except the day itself. It was a Friday, a fairly remarkable one indeed. "And when I'll reach back, he'd be waiting to receive me at the bus stop. He must've prepared my favorite strawberry pastries today. How I want to be home...." He looked visibly anxious, "and we shall enjoy the pastries together, while watching 'Banana Man'. He has also promised me a story tonight; I wonder what it'd be about". Wondering if it was the right time to ask Diana about this, he inquired, "and how much time do we have before I get home?"

"That'll be another half an hour dear", Diana spoke with a hint of grief – not that of having to part from Ahmed, but of something more prominent.

Soon, Diana declared the end of class. There was a general hustle-bustle during this time. All the kids would be busy packing up their stuff. Ahmed was keenly waiting, already into the bus. Throughout the journey, he was thinking of Abhishar and those delectable strawberry pastries. As the bus rushed past the city, a mysterious silence could be witnessed among the huge trees that lay ahead. This was where Ahmed stayed. One could see the sparkle in his eyes, as the bus neared the place for a stop.

Ahmed got down, waving back to his friends who stayed in the bus. He was waiting at the bus-stop, his eyes fixed at the path towards his home, searching for Abhishar to show up. He began walking back and forth, playing with stones lying on the ground, and trying to catch leaves falling from a nearby tree. Ten minutes passed by and

there was not a slightest hint of Abhishar. Ahmed began to get worried. He began gazing at the surroundings when something dawned onto him. Suddenly his feet came to a standstill, and there was emptiness all around. He felt something was wrong. With each passing minute, his mind kept falling into a deep well of silence. He couldn't even perceive the breeze, or the cold. He stayed like that for another couple of minutes. His eyes now refused to blink, while he began feeling a lump in his throat. The next moment, he found himself moving at an increasing pace towards his home – all alone, and deserted nonetheless. When his eyes met that familiar house, everything suddenly came to a halt. Tears began rolling down his cheeks. He almost yelled into an earnest saudade. Within seconds, he was completely submerged in an amaranthine ocean of agony. "Do not cry dear, it will make his spirits weak", said Diana. She had been following Ahmed for the fourth time today, and she knew it wasn't the last time she will have to reach out to an orphan Ahmed, as he will lose himself in that infinite ocean of pain, again and again, every evening.

Abhishar was gone, just a few of days ago. He would never come back, at least not in this lifetime, and Ahmed knew this. His absence, so deeply inflicted incompleteness over him, that his conscious mind would be forced to believe this wasn't true – everyday, for the fourth time today. Nobody possessed the ability to guide him out of this grief. Hours of sadness surrounded Ahmed, and an angelic figure of Abhishar kept on lingering in his eyes…

It was a remarkably unusual Friday… indeed.



Connecting the Dots

Anurag Upadhyay

What according to you is the most important thing in life? Had this question been asked before 20th of November this season I would have surely given a reply other than what is to follow. Life has taught me many lessons, most of which I have learned on seeing others and a few of those have been experimented on me. But the one which I am going to talk about has left me stunned and has given a U-turn to my thinking and attitude towards life. It didn't come on a piece of paper. It was more like a series of disjointed scenes from a movie reel lying on the floor, waiting to be clipped together. It didn't come as a revelation; instead it came as itself- life.

Reading inspirational quotes and motivational thoughts about life had never propelled me to look at life with such a different angle but this incident did. Prior to the incident I had many complaints and regrets in life and thought that it would hardly matter whether I am or am not. But after the tragedy that occurred on the black Sunday things have started to change and now I value my life more than I ever did. Winning is not just making 20 runs in the basement or claiming an ace in a counter strike match. It is beyond the act of competing and being ahead of others. There are many people who are connected to your life most of them you know and many of them you aren't aware of. We must care for our life more than we actually do. Forgiveness and love have now occupied the greatest place in my heart and have stated to face life with a longer smile. Difficulties and hindrances look small and the people around me are the ones whom I value more. The world looks different and the people look lovely. Giving is all that makes life worth living.



Rafi-The Legendary Singer

Surbhi Arora

"Sar jo tera chakraaye, ya dil dooba jaaye
Aaja pyaare paas hamaare, kaahe ghabraaye.. kaahe ghabraaye"

The earth has completed fifty five revolutions around the sun since this song was heard for the first time by any one, yet this song can be heard more frequently than the latest hits. The unparallel charm of the song that could bring a million fold smiles rests in the mesmerizing voice of its singer Mohammad Rafi or popularly called Rafi Sahib by his fans. This legendary singer is remembered till date by all, even by the ones who were born after his lifetime. Here I would like to delineate Rafi sahib from fans and colleague perspective.



Mohammad Rafi for a fan:
Rafi was a singing meteor of his time. Fans remembered him for his versatility in songs. The variety of songs like ***"Hoke Mayus Tere Dar Se Sawali Na Gaya"*** (Laila Majnu) at a dargah in which he implored his beloved to appear before him, the passion in ***"Aaja Re Aa Zara Aa"*** (Love in Tokyo) and the melodious song ***"Khoya Khoya Chand"*** (Kaala Bazaar) portrays him as a package of many Mohammad Rafis combined in a single human being .The Rafi who could move you to tears or give you a tinge of detachment through songs like ***" Main Yeh Soch Kar"*** (Haqeeqat) and ***"Aaj Purani Raahon Se"*** (Aadmi) because he knew how to live the pain of song he was singing.

Mohammad Rafi for his colleagues:
Mohammad Rafi was as well a person as much a singer. Few incidents of his life characterizing his meticulous and gentle nature are:
Once while running a high temperature he recorded five songs in a day for Laxmikant-Pyarelal!
Once Pyarelal recalled, "He would bring thermos jugs filled with special tea spiced elaichi, and pour out cups for us during recording. I never saw him in a bad mood."

He conveniently used to forget to remind producers for dues when a film did not do well. The song ***"mohabbat aur wafa ki kis qadar tauheen ki tune...chanda ka dil toot gaya"*** was composed by Nisar Bazmi, who was a non-entity in 1953. Nisar Bazmi approached Rafi Sahib to sing his composition for a maximum of Rs 50/- what his producer could afford. And our Rafi Sahib charged a token amount of Re 1 (Rupee One) !!!
This was the great Mohammad Rafi who by nature was sweeter than his voice. A deeply religious man, Rafi never took his success more seriously than his craft. The only indulgence he allowed himself was that he loved playing carom, badminton and flying kites. And there was that favorite cup of slowly brewed tea, of course. But for people like us his voice is not a thing to be summed up in words. It comes from a place of deep joy and profound pathos. It is a voice we internalize before we can fully appreciate it.

TERI TAARIF KYA KARU!

INTERVIEW WITH AURORA'10 CO-ORDINATORS

1. How was your experience of organizing the fest?
Nirvaan: It was enriching to say the least... simply splendid, a never before experience!
Umesh: My experience was challenging in all spheres.

2. What was more difficult to tackle students or administrator?
Nirvaan: Not just for diplomacy sake, but I would like to believe that both the entities were extremely co-operative (specially our faculty coordinator), besides a few glitches, which are a part of every fest I suppose.
Umesh: Everybody was very co-operative.

3. Difference in you before and after your fest?
Nirvaan: I have grown up as an individual; I know how to handle the critical situations. There were times when I had to make decisions which would have been instrumental in the fate of the fest; I came to know about a lot of my strengths and weakness' as a team player, as a leader, as an individual!
Umesh: A huge friend circle and yes a very good experience with lot of learning.

4. Effect on your Academics? How did you manage your time?
Nirvaan: I guess this question should not figure in this interview. It was actually my worst semester till date, but honestly speaking I would not blame Aurora for it, because even after the fest there was substantial time for me to get a decent grade, but probably I was a bit too laid back, basking in the success of the fest!
Umesh: It didn't affect my academics at all. It was manageable as most of the team meetings were scheduled for the evenings.

5. Sacrifices you made for it?
Nirvaan: Considering what was stake, I do not think I had to make any significant sacrifices. But you may still count a few days of sleep and a few meals :P
Umesh: Nothing as such.

6. Rate your fest.
Nirvaan: Had you asked me this question at that time I would have rated it a 9 or maybe even a 10, but seeing the quality of Aurora 2011, and the Aurora' 12 (It promises to be a blockbuster!) I think it was a mere 7-8 on a scale of 10, but still was the best under the given conditions.
Umesh: Viewer's can rate it better than me.

7. Would you like to share some Special moments with us?
Nirvaan: Well, there were many of those; however Krishna taking the stage with the music of "Soniyo" playing in the background would top it all. A moment I can never forget.
Umesh: When you see an event organized by you going on smoothly, and people around you come and congratulate you, it feels very special.

INTERVIEW WITH INFOTSAV'10 CO-ORDINATORS

1. How was your experience of organizing the fest?

Udit: Organizing Infotsav 2010 was a nice and amazing experience for me. There were lots of moments, during the preparation when things were not working out accordingly but as the time progressed things turn out to be good and eventually we could showcase a nice three day show down.

Ronak: As everyone says Infotsav teaches them a lot, and it was continuously teaching me too just for starting of my 1st year. You can really think of those feelings of the joy, the level of happiness you will got when it will go as per your plans and your dream, your vision comes true.

2. How did you start your work?

Udit: As always, things started with preparing the initial plans and proposals. Both me and Ronak, had some ideas which came out at the time of preparing the proposal itself. We got an overwhelming support from our close friends, right from the beginning whom I used to call as 'core-core committee'. :D

Ronak: In initial days we discussed our plans and exchanged a lot of ideas with our friends, juniors and seniors to make this Infotsav 2010 as it never before. After than khandewal worked over all paper work and prepared proposal and budget for the fest.

3. What was new in your fest?

Udit: The same question I answered about 20 times during Infotsav 2010. There were a lot of new things but I would emphasize to approach we followed to get the things done. We never followed the set-path 'blindly' and that was most important thing for me. Other than that the number of workshops we added, the series of guest lectures and seminars (including Mr. Y. Kanetkar, Mr. P. K. Kapur and many others) and the science exhibition for school students were some major 'NEW's of Infotsav 2010. The magazine was all together different and it showed a new way to the future designers (worth mentioning efforts from Lavish, our "The Designer").

Ronak: From technical aspect it's amazing web-portal, centralized registration for all events, two new games Job-Bureau and Dusk ka Dum for these I am very thankful to my juniors to work for on it.

4. Effect on your Academics? How do you manage your time?

Udit: Luckily Infotsav didn't effect on my academics. I could score a decent GPA in that semester but we neglect the fact that coordinating a fest does make us far away from normal studies (who the hell in college life studies on regular basis). All we can do is to create some time before the exams and make sure that we are not far away from the class average.

Ronak: The best of our Institute is you never have such an academic pressure so that you are not going to lose too much. Truly speaking Infotsav didn't affect my academics just I missed some lectures.

5. Tips to the organizers for the fests yet to come!!

Udit: Give value to all those who are working for the fest and never lose the positivity in you. Planning well in advance, always help the purpose.

Ronak: At every time please try to think and visualize the thing in a different way which will give initiative to innovation. Always try to do the thing in your own way so that viewer can feel you in it.

INTERVIEW WITH TWARAN'11 CO-ORDINATORS

1. How was your experience of organizing the fest?

Anurag: It is all about fun embellished with learning experience when it comes to organizing a successful college festival. After deciding on events, arranging sponsors, inviting guests, managing grounds it becomes very important to be able to manage the all the events and the huge crowd. After all, that is what makes your fest stand apart from the rest - enjoyment layered with hospitality. In my experience, organizing a fest at such a large scale requires a lot of patience. One of the biggest issues is maintaining and keeping in control such a large number of events, huge number participants and the volunteers. Almost all the students from organizing committees of different fests agree that there is an excellent scope to gather a lot of practical experience. All said and done, a fest is one of the best ways to learn through fun.

2. How did you start your work?

Anurag: We plan our preparations accordingly so that we don't have to bunk classes. "The preparations for Twaran were started almost two months before the event so that we are required to skip minimum number of classes."

Finance

Budgeting and managing finances is really important. Every penny used should get billed.

Team work

The team of Twaran is divided into verticals – Event Management, Sponsorship, Media, Public Relations, Hospitality, Infrastructure and, Creative and designing. Every vertical makes their own decisions but do run it up by the others in the weekly team meetings, which are very crucial.

Advertising

It is often said, "Without publicity there can be no public support..." To gather audience, publicity is very important. In order to get good sponsors, being able to gather a good crowd is equally important. The promotion team did a splendid work as we receive around 22 teams from all over the nation and one team from Sri Lanka also. To advertise the fest students created: a website; a Facebook page; posters; invitation cards and so on.

Event Management

The second phase of the fest preparations was to manage the teams of each event and grounds. There was a separate core committee for each event. The organizational set up is 3-tier, with a team led by a group of 21 managers and an overall coordinator. Each Manager has a group of coordinators and organizers under him/ her who help to look into the finer details of organizing the fest.

3. What was new in your fest?

Anurag: We introduced the digital gaming tournament ZERO LIMIT first time in the IIITM history, which was the risk well taken. Doing a new thing requires lot of efforts and team work. We did it in style and now it has become the largest gaming event in the central India.

4. Sacrifices you made for it?

Anurag: Academics, health and of course food

5. Tips to the organizers for the fests yet to come!!

Anurag: "Be prepared beforehand by getting proper guidance. Remain calm in tricky situations."

"Even with the best of preparations, contingencies do occur. One should never be complacent and always be on their toes to tackle such situations."

INTERVIEW WITH AURORA'11 CO-ORDINATORS

1. How was your experience of organizing the fest?

Himanshu:It was a great overall experience. We faced some real time situations, dealing with a team of more than 100 members, and also with prominent personalities from different industries. Overall, it was pretty good experience, with humongous personality and confidence development.

Raveen:It was a great experience. Whenever I have organized a fest, I overcame different challenges.In fact, I believe every event is like a thread with challenges at one end and success at another end. I just covered my way from one end to another end of this event with a big success.

2. How did you start you work?

Himanshu:At first we prepared the proposal considering all the expenses, plans about the organisation of the fest, and also forming the core teams. Then , our main work was to find sponsors and associations for our fest which will take the fest to new heights.

Raveen:Fortunately, I always had the support of my friends and the guidance of the director of the institute, himself along with the faculty members. My initial action plan was the yield of the direction I received from the director, faculty members and my seniors.

3. Tell me about how you managed co-ordination with friends, faculty and administration.

Himanshu: A fest can't be organized by two people, we needed our friends to be as involved as we were. Co-ordination with friends was telepathic. We didn't face much difficulty in anything. We had put our blind trust in them and they surely came up to it. As for the faculty and the administration, they were very helpful and lenient too, they were there for us whenever we needed them

Raveen:. It is very difficult to get approval on new ideas, so my friends always supported me to present my ideas and I would like to thank Director sir and faculty because without them it was impossible to organize such a big fest.

4. Difference in you before and after your fest?

Himanshu:A lot has changed along the course of 4 months we worked for organising the fest. We are more confident, clear with our thoughts, more logical in our thinking and of course managing and manipulating the things around us so that they are best for fest concerns.From dealing with the MD's and CEO's of industries to mananing and cordinationg with the stars , and also keeping a check on the internal working of the teams, this whole has made us more agile and efficient.

Raveen: I feel so confident and determined because before this fest I was very busy in my other projects also. So, at that time I had a doubt in my mind about the successful completion of the fest and now you can see I did it.

5. Effect on your Academics? How do you manage your time?

Himanshu:Umm ... ya it had some effects on our accademics, but that wasn't that much has it is hyped. We also cleared GATE in the course of the fest(really don't know how did that happen). And time management is the thing you learn with time. We didn't attended much lectures for 2 months or so ... but we covered up good thanks to some really good teaching by friends.

Raveen: Time management is another important part of event. I managed time according to priorities. Yes, fest affected my academics but the effect was little because somehow I managed that.

INTERVIEW WITH INFOTSAV'11 CO-ORDINATORS

1. How was your experience of organizing the fest?

Prashank: Experience was great. Learnt a lot, from managing the small things to planning the same things in a different way. Learnt to take criticism constructively. Overall, we understood the ground realities and what goes into making an event, THE EVENT.

Chaitanya: It was great, learned a lot of things, and made new friends, new relations. It's like once in a lifetime thing and it will be with us for our entire life. I loved it whatever and however it was like. I liked every moment of it.

2. What was more difficult to tackle students or administrator?

Prashank: ADMINISTRATORS.

Chaitanya: I would say the most difficult part was to handle students. Because first year students were new to the campus and the administration was too strict for them. To make any event successful, you need to earn faith of students in you. They should trust you as a leader and you must reward them for whatever they deliver in the making of fest. Administration on the other hand was not that difficult to handle. Ajay sir has always been encouraging and supportive. He made it so easier for us to get prepared for the fest. I am so thankful to him for his co-operation and guidance.

3. What was new in your fest?

Chaitanya: Well the event was basically much similar in structure to what it was like previous year. But the major change that we introduced this time was 'Robofiesta'. From the very beginning of the preparations of the fest, I had this thing in mind to make Robotics bigger and better than what it had all these years. Though core team was not approving it as budget is always the issue but I took them in confidence that we can do it. We also wanted to bring Paintball but couldn't execute in the end.

Prashank: Even participation poured in from eminent institutes of India and much more in number than previous number. Wide participation from NITs, and other different colleges apart from IIITs, made the event much more vibrant.

4. Sacrifices you made for it?

Chaitanya: Seriously, your life is no more your life. It is more like a public property for that duration. Anyone calls you at anytime for any kind of work. No privacy is left.

Prashank: Totally stripped off my personal life. But it was a nice experience.

5. Rate your fest.

Chaitanya: 8.5/10

Prashank: 8/10

INTERVIEW WITH TWARAN'12 CO-ORDINATORS

1. How was your experience of organizing the fest?
Yesoda: Experience was great. Learnt a lot, from managing the small things to planning the same things in a different way. Learnt to take criticism constructively. Overall, we understood the ground realities and what goes into making an event, THE EVENT.

2. How did you start you work?
Yesoda: Initially we began charting out the things that were supposed to be there and divided the work under various departments. And completing the tasks within a stipulated time helped us in ensuring that every task took us closer to our goal of a successful fest.

3. What was more difficult to tackle students or administrator?
Yesoda: Administrator

4. What was new in your fest?
Yesoda: The newly built sports complex was used for the first time. Wide participation from NITs, and other different colleges apart from IIITs, made the event much more vibrant

5. Tell me about how you managed coordination with friends, faculty and administration.
Yesoda: With friends it was fine, with faculty and administration the job was a bit difficult and sensitive. There were issues that bothered the participants, which could have been handled in a much better way. Otherwise, everything was all right but co-operation from the sides could have been more and conducive to the students' morale.

6. Effect on your Academics? How do you manage your time?
Yesoda: No much effect. Managing time was feasible. But to boys it would have been a real challenge to manages studies and event at the same time because there are a variety of tasks that are needed to be completed. The responsibility on their shoulders is high.

7. What was the toughest moment?
Yesoda: Listening to the resents of girl participants for entry time, and then talking to the authorities to chalk out a viable solution.

8. What was your motivational factor which made you agree to shoulder this huge responsibility?
Yesoda: Passion for sports.

AASF (formerly ISF)
Executive members

...coalescence of knowledge and skills

Executive members	Batch	Part of AASF Since (year)
Ashish Jha	IPG-2001	2003
Saurabh Sharma	IPG-2001	2003
S. Ajay Kumar	IPG-2002	2003
Dhruv Joshi	IPG-2003	2004
N. Raghavan	IPG-2003	2004
Shishir Chandrol	IPG-2003	2004
Amit Gupta	IPG-2004	2005
Kunal Kapoor	IPG-2004	2005
Mayur Gupta	IPG-2004	2005
Aditya Arora	IPG-2005	2006
Manyata Goyal	IPG-2005	2006
Rahul Kala	IPG-2005	2006
Aniruddh Srivastava	IPG-2006	2007
Bipul Pandey	IPG-2006	2007
Gunjan Nishant	IPG-2006	2007
Prachi Jain	IPG-2006	2007
Anurag Upadhyay	IPG-2007	2008
B. Sushmitha	IPG-2007	2008
Ronak Dhoot	IPG-2007	2008
Ark Mishra	IPG-2008	2009
Kamya Jaiswal	IPG-2008	2009
Tushar Sharma	IPG-2008	2009
Ankita Ahuja	IPG-2009	2010
Ankit Katiyar	MTECH(IS)-2009	2010
Ketn Jain	MBA-2009	2010
Nitish Bhardwaj	IPG-2009	2010
Payal Anand	IPG-2009	2010
Renu Verma	MTECH(VLSI)-2009	2010
Siddharth Dharmadhikari	MBA-2009	2010
Vishwa Praskash Gayasen	IPG-2009	2010
Abhinav Saxena	IPG-2010	2011
Rajesh Kumar	IPG-2010	2011
Surbhi Arora	IPG-2010	2011
Swati Sinha	IPG-2010	2011



Abhigyan Abhikaushlam Students Forum

(ABHISHAR, A-216, ABV-IIITM, GWALIOR-474010)

www.aasfiiitm.com

Designed By-

Kanaparthy Sai Vivek