



### NSIT's predicaments and the road ahead.

Read about the infamous red tapism and bureaucratic regime that has hampered the growth of our college and invites the ire of NSITians.



### Open Page

The new page of Alliance promises to dazzle with contributions from NSITians. Delve further to read about intellectually stimulating writings from NSITians.



### Wisdom Tree-From NSIT to abroad

The article caters to the much hyped question of gaining admission into Masters Program.

# THE



# ALLIANCE

11<sup>th</sup> November '12

BRINGING NSIT TOGETHER

Issue 7.0

We turn 2 !



Happy to have served NSIT and proud to have successfully delivered news like a paparazzi for two years now, The Alliance, is now setting out to spread one message loud and clear: ENJOY THE LARGEST BOUNTY OF YOURS- LIFE. So here is a bucket list of all the suggestions that we give you to add some pepper, spice and everything nice to your college life.

1. Take a trip alone on Indian roads and end up in Banaras, Bhubaneshwar or Banglore. Go hitch-hiking.
2. Make as many friends as you can. You will meet them at some other point in life.
3. Take up dancing /music classes. Learn something.
4. Ask out your long time crush on a date.
5. Read a lot of books, make favourites out of the classics.
6. READ, I say again, READ a lot. Be inspired by people living or dead. Learn a lot of eclectic stuff which neither your college nor the people around you will teach. Let Carl Sagan, Jack Kerouac, Neil Gaiman make you day dream and drown in their thoughts.
7. You fret days about yourself; there is a time to give back too. Join Make a Difference, Masoom Duniya or any NGO and Teach someone who is not as privileged as you are.
8. Listen to music. Explore into it and I promise you, your life will never be the same. Give some time to BB King (Blues), Portishead (Trip-hop/Electronic), Bossa-Nova (Brazilian jazz). Music educates you in more ways than you can imagine.
9. Attend a music festival or a concert. India has plenty lined up each year as the music scene is picking up. With the likes of NH7, Sunburn, Ragasthan, Coorg music fest and so on, it would be a shame to miss.
10. Call that one person whom you have hurt in the past and say sorry and most importantly do it genuinely.
11. Spend a whole day in the sports field. Play cricket, football, run and emaciate yourself.
12. Take up a small project under a professor. Drown yourself into the work until it's complete.
13. Spend a day alone. Don't see anyone, no movies, make your own food and do what you want to. It's good (and sometimes an eye-opener) to know what you would do when alone.
14. Take your parents out and shower them with gifts.
15. Find that one job in the world you'll kill for. You want it or not is your decision, but you should at least know it.
16. Write a stupid blog. Work on it for a year or at least 6 months and then if you don't like it, chuck it.
17. Go to watch a cricket match or a game you are passionate about in the stadium. Paint your face and cheer as if the game depends only on you.
18. Donate blood, it does feel good.
19. Take a lot of pictures of yourself. You can never get enough of them.
20. Spend a birthday alone and spend way too lavishly. Buy ridiculously expensive clothes, dine in the most exquisite place you know about but have never gone before.
21. Call those friends from school who were never really close, but were still special.
22. Go sky diving/ paragliding/ river rafting or any other adrenaline gushing activity. You won't be very comfortable doing it after a couple of years.
23. Know yourself. Think of what you would do in life if there are no restrictions at all. Learn about your passion.
24. Wake up all night; think about your life gone by. Write a letter to yourself for your 40th birthday and tell that 40 year old what he/she really wants from life.
25. Make your own bucket list for the next 5 years.

# NSIT's predicaments and the road ahead

## STUDENT VOICE

Where is NSIT headed as a premier college of the nation?

### Students' speak



**Varun Sridhar**

ECE, 4<sup>th</sup> Year

When I hear NSIT being mentioned as one of the premier technical colleges in India, I can safely say that it's only because of the caliber of the students studying here. NSIT is severely lacking

in basic infrastructure. We are still being taught things that are irrelevant and of absolutely no use. Contrast a program here with one abroad and the difference in knowledge and skill levels becomes all too visible by the end of 4 years. Most of the faculty is completely indifferent and the lack of competence on the part of some of our professors is appalling.

So when the students have no motivation, no one to inspire them and nothing to interest them, it is only understandable that they gravitate towards jobs and MBAs.



**Kunal Dhiman**

ECE, 3<sup>rd</sup> Year

I feel there are a lot of problems being faced by students:

- There is a shortage of classrooms and faculty causing classes to be scheduled on weekends. This

becomes a problem for students preparing for post-graduate studies and who join coaching classes for weekends.

- New books need to be introduced in the library.
- The gymnasium has been upgraded but the timings are not flexible for students to be able to benefit from its facilities. What's the point of spending so much money when we can't even access it at our own convenience?



**Nitish Gundherva**

COE, 2<sup>nd</sup> Year

The NSIT story is a random mix of flows and ebbs, that somehow define the curious case of this college. Our college houses some of the best engineering talent in the nation.

But, the other side of the coin needs to be thoroughly considered. The college lags in the competent infrastructure needed for an engineering college. It's also disheartening to see that our college has a limited recognition in the non-technical circles outside Delhi. I'm hopeful that the entire NSIT fraternity will start developing a sense of dignity towards their alma mater in the coming years.

What do you think could be improved in the present situation? Send in your replies to the Editor at [nsit.newspaper@nsionline.in](mailto:nsit.newspaper@nsionline.in). Practically implementable solutions to problems currently being faced by the students stand to win a prize from Team Alliance!

Ishan Nigam

NSIT is one of the best engineering colleges in India. This is the opinion of companies which come to our college for recruitment and the media which regularly publishes statistics rating colleges across the country. But as students of this college, we understand what goes on beneath the tag of being a premier institution for higher studies in India.

The fact that the syllabus has not been revised for more than 2 decades in most of the branches is something that a student learns in the first few weeks of joining NSIT. However, a similar realisation about the faculty takes a few semesters to dawn on the students. Apart from a handful of teachers, faculty members mostly adopt traditional methodologies which should have been modified with evolving technology. Long term hands-on experience based internships in the industry would be a great opportunity for students to judge whether they wish to start working or go for higher education after they complete their graduation. The model being followed in the BITS institutions, where an entire semester is reserved for industrial training could be considered, or something along those lines could be worked into the curriculum.

The choices among the elective courses should be increased and made more relevant to the skills that students will require after graduation. Temporary faculty specialising in these electives may be hired for teaching these courses.

Students should also be allowed to opt for electives irrespective of their branches. For example, if an Instrumentation student is interested in Computer Science, he or she may opt for an elective on Automata theory. A positive sign in this area is the initiative taken on the part of a few faculty members to teach specialized courses in the college. For example, Professor Rajeev Kumar taught a course on Data Structures to ICE 2nd year students last year. This was not part of the prescribed curriculum and was organized due to a request from the ICE students. Also, given the rising interest in management and finance amongst the student body, specialized electives in these areas could be added. These electives would be much more relevant towards the career choices of students. A few possible options for such electives would be introductions to public policy administration, game theory and international trading.

The attitude of the students and their indifference towards the state of affairs in the college has made the situation worse. However, students are increasingly becoming aware of their rights and are taking steps to improve the situation, or to atleast make their voices heard. A recent example of this has been the protest against the proposal to hike the college fees for all present students as well as the incoming batch of students.

Learning for students has become restricted to just obtaining good grades. 'Technical' clubs must

provide more opportunities, not only for students proficient in their respective fields, but also for the novices to learn and grow. A very good example of this is the NSIT Programming Group on Facebook which has turned out to be a huge success online. It would be beneficial for students if such initiatives could be extended to activities on the campus as well.

Everyone wants to play it safe. The beginning of the 3rd year of college in the COE and IT departments is greeted by an exponential rise in the number of students interested in programming. This rise is surprisingly close to the time period when companies start visiting the campus for interns. Another road commonly tread by students is opting for CAT coaching early on. This number has significantly gone up in the last 3 to 4 years. There is a lack of entrepreneurs in NSIT. Students considering alternate career paths are rare to find. A majority of them eventually give in to peer pressure and start targeting placements and management school admits early on, instead of considering alternate career choices.



There are multiple development projects which have been proposed but have never been implemented in our college. A swimming pool exists on our campus according to the map near the workshops. But that map is all we have. An auditorium with a budget of more than Rs. 600 lacs was sanctioned a few years ago but the fact is that the

inaugural board that was erected marking its location has been missing for quite some time now. What did come up instead of the auditorium is cultivated land in the centre of our college.

Infrastructural defects in our college include the pitiable state of hostels, the condition of classrooms and washrooms in the department blocks, arbitrary pricing of food items in the canteens, and the lack of facilities for promoting extra-curricular activities.

The lack of modern equipment in an engineering college's laboratories is a clear indication of the state of affairs. There are limited collaborations between NSIT's professors and research forces outside of NSIT. The major reasons due to which NSIT is still counted amongst the top engineering institutions of India is its very good placement record as well as the tag of being a part of Delhi University. However, for an engineering college to produce quality professionals in the long run, it is essential to have a very strong and stable base to the education and the co-curricular facilities provided.

We have the potential to do exceedingly well, and not just in the engineering domain. Budding engineers, entrepreneurs, and managers must be encouraged and facilities must be provided to allow them to pursue their interests. Things are definitely changing with Wi-Fi routers being set up on campus, an upgraded gym, and the TI Center being inaugurated recently. May this be the beginning of a positive phase in NSIT.

Taken from a popular FB page : [Aap NSITian Hai](#)

1. Agar aapke hostel ki makdiya bhi aapas me majaak udaakar kehti hai - "Bechaare World Wide Web ka soch ke aaye the, sirf WEB hi mil paaya... Toh kasam har makdi ke jaale ki *Aap NSITian Hai!*
2. Agar aapke college mein practicals ke marks kissi bhi random order mein lage hue aate hai to kasam analog lab mein pade kharab breadboard ki *Aap NSITian Hai!*
3. Agar aapke hostel me paani nahi, par baaki sab theek hai, toh *Aap NSITian Hai!*
4. Agar limited infrastructure ke saath bhi aapke college ki seats har saal bad jaati hain to kasam us 608 lakh ke proposed Audi ki *Aap NSITian Hai!*
5. Agar aap ko C/C++ language se zyada A/A++ companies ki knowledge hai to kasam MPAAE aur BT ki tod placements ki *Aap NSITian Hai!*

Alliance invites guest articles for our newly introduced Open Page.

Mail us at '[nsit.newspaper@nsionline.in](mailto:nsit.newspaper@nsionline.in)'

# Wisdom Tree : From NSIT to abroad

Krishan Kumar Singh

The Indian education sector has witnessed a giant leap in the past sixty years with a lot of high class institutes being set up. Flagship institutes like the Indian Institute of Technologies and Indian Institute of Managements have not only established their niche in the nation, but have also come out as a firm brand outside India.

Flipping over the other side of the coin, the paucity of high research funding, presence of a vast alumni network, greater industry experience and sometimes, a lesser competitive admission procedure prompts a student to thoroughly consider foreign studies as a career option. It avoids the inconvenience of making an ill – informed choice and repenting over it later down the line.

## The Steps to wisdom

*“The distance is nothing; it is only the first step that is difficult.”*

The Ivy Leagues, MIT, Harvard Business School et al – It is no fable that every NSITian dreams of these options at least once in the span of their four years of engineering. Some of them move towards exploring other options, some keep them on hold, some keep on hunting for the next step beyond daydreaming, and eventually, a few of them succeed.

### Myth busters

1. A near to perfect qualifying score is needed.
2. A perfect GRE/GMAT score can guarantee you admission in a top college abroad.
3. Admission procedure is very tedious.
4. PhD programs end up with monotonous teaching profession.

### 1. Do I really want to pursue higher studies?

The answer to this question lies in the threshold of efforts you can pour in to pursue your passion. Higher studies could mean a better classroom environment, great research facilities, and working with an internationally diverse cultural and professional mix of individuals. On the other hand, it could also mean an exorbitant fee structure and a strict admission procedure.

If you are unsure about whether you want to pursue higher studies, it is better to take a step back, to take up a job in the industry you are interested in, or to work on some more projects of relevance to your field. The problem occurs when you make this

decision without proper consideration and dive into something that you don't love; hence this condition should be avoided.

### 2. Identify your interests

This exercise is highly important in terms of mobilizing your thoughts in the right direction. It is obvious that different people will have different interests, and thus, the logical fallacy of blindly following what others are doing, will do more harm than good.

Try to ask yourself a question – Does my present career path vindicate my future goals and objectives?

### 3. Come out with a specific goal

This should be the turning point in your

career trajectory from where you should never dwindle or look back. As it is said, “Firm decisions always result in firm victories,” you should stick to your goals and not stop till you succeed.

### 4. Start building your interest areas and profiles

Your profile should be an amalgamation of your interests, the foundations laid down to pursue them and their true appraisals. Also try to research your target schools at an early stage and connect with alumni in those schools to learn more about the admission process there, the specific departments in which you might be interested and individual professors who you might be interested in working with.

## The ideal profile – a utopian paradox

### For Applying to MS/PhD

#### Interest in Research

Without any doubt, this is the most important thing colleges look for in the students. As an MS or a PhD requires a lot of patience and an in-depth understanding of the field, genuine interest and knowledge are elementary pre-requisites.

#### Projects/Research Papers

Projects and research papers are some of the most important feature points in your profile and validate the reasons for your application for advanced studies. Though publications are not a necessity, they are publicly accepted proof of your potential as a researcher and definitely add towards giving you an edge over the other applicants.

An admissions committee will look at your interests and how you can add value to their department, as well as to their university in general.

Along with building a highly research oriented profile, students should never misjudge the value of academics and must try to add versatility to their profile by getting involved in college activities. This could include joining college clubs, SIGs, societies or helping to organize a fest.

### For Applying to the Business Schools

Apart from GMAT/GRE scores, most of the business schools abroad look for individuals with a versatile profile with more than an ordinary academic background. Professional work experience is a key factor in foreign Business Schools and unlike India, most of the top Business Schools have virtually zero freshman admits in their conventional MBA programs. You should try to engage yourself in plenty of experience building activities to gauge what you are interested in.

#### Internships

Internships play a pivotal role in your learning process. Relevant professional experience during under graduation renders a more balanced profile. You should apply for internships beyond your spectrum, venture into new things, and learn about the industry.

What should be your professional arena if you are planning to go for an MBA after two-three years of work experience?

The pre-MBA period should be treated as a time when you gain relative industry experience and get involved in interacting with clients. A smaller company or a start-up may offer you great opportunities to scale up and learn a lot, whereas a larger brand may offer you large salaries, but a relatively lesser scope to learn.

## The Final step – Application

### MS/PhD

Students often find the application procedure for graduate courses cumbersome mainly because the universities abroad judge them over multiple indicators. Most of the graduate school admission committees contemplate over these qualities in a student before granting admission –

1. Interest in a specific program/area of research
2. Projects/Research Papers
3. Statement of Purpose
4. Letters of Recommendation
5. Academic Excellence
6. GRE/TOEFL scores

The undergraduate academic records and GRE scores act as negative filters while it is the Statement of Purpose and the Letters of Recommendation which form the core of the application process.

The Statement of Purpose (SOP) forms an essential part of your graduate school application, and is an important tool to convince the admission committee of your caliber and the reasons as to why you would be suitable to pursue the program

that you have applied for. The statement should not boast about the candidates past research works or display verbose curriculum vitae; in fact it should actually address the purpose of your application.

A Statement of Purpose should crisply prove the candidates worthiness not just through his/her prior work, but also by discussing the reasons behind his/her application.

Letters of Recommendation play a critical role in the admission committees' decision. These letters provide evaluations of the applicant by the professors and/or supervisors who have closely monitored the applicant's work earlier. In fact, sometimes, a single letter may change the overall application's outcome. As it is plain to understand, recommendations from someone who has been evaluating and writing recommendations for students (or employees) for a while are preferred over recommendations from someone who is writing his/her first recommendation letter.



Carnegie Mellon University

### MBA

An admission to most business schools abroad comprises of two key components:

The first component being an initial application that includes your profile

information - educational background, professional background, summary of your work experience, testing scores such as GMAT, and TOEFL, academic

grades, responses to essay questions asked by the admission committee, and recommendation letters.

The second component is the rounds of admission interviews which are either taken face to face or sometimes over the telephone/web with an admission committee member, a current student or an alumnus of the business school in your area.

A majority of business schools first review your initial application material and then invite you for an interview. Selection to business schools is generally a complex

decision process - all decision parameters are usually not published - however most schools tend to value the following:

1. Your academic background and your GMAT and TOEFL scores.
2. Your professional work experience and the potential contribution it can make to your classroom.
3. Your personal and professional accomplishments.
4. Your leadership and interpersonal skills demonstrated through essays and interviews.
5. The applicability of an MBA to your professional and personal goals.
6. The “fit” i.e. your ability to fit into the school's culture and contribute towards it and the school's ability to contribute back towards your goals.



Stanford Graduate School of Business

## The GRE vs. GMAT debate

While both the exams test the applicant on basic verbal and analytical skills, there are a few intricacies which need to be elucidated.

The GRE test takers are expected to be abstract thinkers as the test draws out conclusions from different sources and factors. On the other hand, GMAT tests the candidates on the grounds of their application towards a concrete and analytical approach.

GRE is usually meant for science, literature, medicine and mathematics applications, whereas GMAT is primarily for management courses. A few management courses allow an option of taking either GRE or GMAT as their qualifying exam criteria.

Though there is no exact threshold for

the qualifying test scores in the courses abroad, usually keeping yours close to the perfect score helps. Most of the top universities in the US report median scores of 710+ in GMAT and 310+ in GRE for their admission process.

TOEFL – Test for English as a Foreign Language is a test meant for non-native English Speakers. Even though the medium of study at NSIT is English, many overseas schools demand it as a pre-requisite. Try to aim for a TOEFL score of 100+ to ensure a hassle free application.



## MBA

MBA – For an average NSITian.

An MBA may be the cure of all maladies, the last resort when your interest in the technical arena dies off, or perhaps a gateway to a fatter paycheck.

Unfortunately, this general perception kills off the value addition of this exceptionally powerful graduate program and thus should be avoided.

“Growth prospects without an MBA are getting increasingly limited and the progress is also slow. A management degree revitalizes your growth rate after having been in field for a few years by giving you more options, especially, if you want to make it big in the corporate world.” says Manu Aggarwal, who is pursuing management from IE Business School, Madrid after working as a Computer research scientist at Adobe.

## Unveiling the unconventional options-

Besides the traditional MBAs, some of the foreign universities also offer early enrolment programs. These programs not only provide the students with an early opportunity to pursue their managerial interests, but also cater to the much needed fresh industry experience for students.

Some of the early enrolment programs are:

- Harvard Business School 2+2 Program
- Yale Silver Scholars Program
- London Business School – Masters in Management
- Duke University – Masters in Management

You might either go on to pursue a PhD from or go ahead for a relevant job.

- Usually, applications to for an MS program are less selective as compared to a PhD program (because of a lesser number of seats available in the Doctoral Programs) and thus, you have higher chances of getting into a MS course than a direct admit into a PhD program.

## Advantages of PhD over MS

- A PhD offers better research opportunities as compared to a MS degree and is of a variable time frame, usually lasting between approximately three and a half years to seven years.

- Job options available in various industries as well as the academia, and PhD holders are usually offered higher salaries as compared to MS graduates.

With Inputs from:

- Hemant Goyal, M.B.A. candidate, Kellogg School of Management
- Manu Aggarwal, M.B.A., IE Madrid, Spain
- Mansi Aggarwal, MiM., London Business School
- Roshan Shankar, Graduate student M.S.E., Stanford University
- Aayush Bansal, Independent Researcher, CMU

# From NSIT to Facebook

Durgesh Kaushik, IT-Class of 2006, Marketing Manager at Facebook

Right after graduating from NSIT, I joined Dell Services (formerly Perot Systems) as a software engineer. At Dell services, I worked on a project for Daimler Chrysler Financial Services, which got me interested into learning about the business side of things. My new-found interest led me to form a team and develop a social networking start-up. But, the start-up didn't go too far as we were soon reduced to only two people. Most of my team mates left to pursue higher studies and other priorities. I also realized that I needed to further understand the intricacies of business and build a network of like-minded professionals. Hence, I decided to pursue an MBA at University of California-Irvine, which I believe was a turning point in my life. At UCI, I got opportunities to see the world from a new perspective and network with a diverse group of people from around the globe. While at UCI, I had to face a new challenge that NSITians are not really used to - finding an internship and a job. The world was going through a severe recession and almost all American business school students were struggling to land internships and jobs. That's when I decided to utilize my network and hence reached out to several NSIT and UCI alumni in the industry. I was pleasantly surprised to receive tremendous support from almost everyone I reached out to. As a result, I was among the few fortunate to land 3 different offers for my summer internship. I decided to join Silicon Valley based InfoStretch Corporation, which had just launched a new product, QMetry. The company was looking for someone to drive its go-to-market strategy and build the business plan from scratch. I saw this as a great challenge and a once-in-a-lifetime opportunity to take my career to new levels. During my 3 months of internship, I worked closely with the CEO and senior management to develop a comprehensive strategy for QMetry, and then successfully executed it in a short span of time. This formed the foundation for millions of dollars in revenue, and QMetry was ranked amongst the top 3 tools in its category. This resulted in a full time offer

from InfoStretch, much before my graduation.

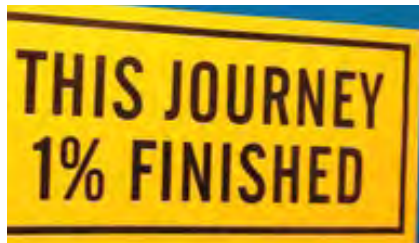
When I started my full time job at InfoStretch after my MBA, the challenge was to build the marketing department from scratch and deliver results in a niche business to business environment at a time when the recession was still at its peak. Although I carried the title of Marketing Manager, I was reporting directly to the CEO of the company and the expectations were incredibly high. At that point of time, I did not have enough people management experience and found myself under extreme pressure to move fast and prove



myself capable of excelling at that level.

Fortunately, I got a lot of support and guidance from Sachin Kalra, an NSIT-IIM Indore alumnus, and currently the Director of Projects at InfoStretch.

His constant encouragement and mentoring were crucial to my success at InfoStretch. The exposure I got while building the marketing organization at InfoStretch helped me develop strong marketing and people management skills. This meant that when the economy started to recover, I started getting multiple interview calls and job offers from companies around the country.



However, since the time I had landed in Silicon Valley, I was fascinated by companies like Facebook,

Google and LinkedIn. I happened to visit Facebook's office in Palo Alto for a conference, and since then, working at Facebook had become a dream for me. An year and a half later, I decided to apply to Facebook for a marketing role. Since I didn't have any contacts inside Facebook who could refer me, I had to directly apply on the website. Facebook is probably the most sought after tech-company and receives a huge number of applications; so, I knew that the chances of me getting a call were very slim. However, a few days later, I was pleasantly surprised to see an email from Facebook inviting me for an interview. I was ecstatic, but also aware that there lay a long road ahead. The interviews started and with every interaction I had with the personnel at Facebook, my confidence level as well as my urge to work for Facebook kept growing. The journey was long, but pleasant: 13 interviews and two months later, I had a job offer from Facebook, my dream company.

Currently, I am working at Facebook's international HQ at Dublin, looking after the EMEA (Europe, Middle East and Africa) market. In my current role, I design, launch, evaluate, optimize, and scale online acquisition and customer lifecycle programs in priority markets around the world by utilizing online and offline channels to cost-effectively target small to medium sized businesses (SMBs).

I am extremely excited and proud to be working for a company that has connected almost a billion people around the globe and is dedicated to making the world more open and connected.

The author wishes to see more people at Facebook, and, hence, urges current NSITians to work hard and prepare rigorously for campus placements so that an extensive alumni network can be built at Facebook.

Visit our Website <http://www.alliance.nsitonline.in> to read previous editions.

# PLACEMENT EXPERIENCES

Toshit Agarwal



## Abhinav Sikri, COE, Fourth Year

"I have been placed at Epic Systems, US. Epic Systems is a health care software company, which is a market leader in its domain in the US.

Their recruitment process was based mainly on our aptitude and programming skills. It started with a pre-placement talk followed by an objective (aptitude and technical) test. The technical test was based on a new programming language that they had defined. It was aimed at checking our programming aptitude. The shortlisted candidates went through a coding round of 2 hours with four questions, where both speed and accuracy mattered.

Next, we had two rounds of telephonic interviews: a technical interview and an HR interview. The focus

here was on the projects undertaken and how one goes about solving a new problem.

For me, the placement session was full of highs and lows. Infact, I have learnt a lot during the same. So, as many of you would realize later, there is no standard way of cracking a company. What matters the most is your preparation and to some extent, luck. Staying confident throughout is the key while improving upon your weaknesses constantly."



## Vaibhav Mittal, COE, Fourth Year

"I have been offered jobs from Microsoft India Development Center(IDC), as a Pre-Placement Offer(PPO), and from Facebook Inc. The Microsoft selection procedure included three technical interviews while the Facebook selection process included a written test followed by four technical interviews. Both of these aimed at testing one's software developing, testing and designing skills. Apart from these, at Facebook, it was important to maintain zero error coding and good communication skills.

As I interned at Microsoft I did not have to undergo their written test. Facebook had a single graph based problem for the written test, which was quite tough. All the questions asked during the interviews pertained to basic data structures and algorithms and my projects and internships. The experience helped me grow and made me have more confidence in myself."



## Aastha Chhabra, ICE, Fourth Year

"I have been placed at Microsoft Sales, Marketing and Services Group (MSG), which deals with the marketing operations for Microsoft's software products in India. The profile under which recruitments have been made is Technical Sales Professional. The process included resume shortlisting, followed by a group discussion and 3 business-cum-HR interviews. It tests one's analytical, logical and soft skills, and how one has employed these during different situations. They expect one to understand the technology behind Microsoft's product line, market situation and competitors. For me, it was a great experience, one of hope, doubt and happiness."



## Nitin Garg, IT, Fourth Year

"I have been offered a job to work as an Analyst at Bain Capability Centre(BCC) which supports Bain's worldwide offices in various types of projects and provides shared services for the global system. The process included resumes shortlisting, a case interview workshop, and 4 rounds on the D-day which included 1 written and 3 case-cum-HR interviews. We were judged on a variety of parameters that included analytic and structured logical thinking, temperament, and the motivation to enter into

the consulting domain.

Apart from cracking the cases and having an elementary knowledge of business, we were also expected to fit into the BCC culture nicely. It was a grilling and exciting day, but most of all, it was a day of relief for me."

## Professor's Profile : Mr. Pradeep Khanna

Ayush Maiti

**Q.Sir, How long have you been teaching arena? How has the experience been so far?**

A. I started my career by working in companies like Den Foss India Ltd., Bajaj Machines (I) Pvt. Ltd., Festo Controls Ltd. etc. and joined NSIT in February 1999. My teaching experience has been good till now and I enjoy teaching my students.

**Q. What's your opinion regarding the college offering Manufacturing Processing and Automation Engineering (MPAE) and not a core mechanical stream?**

A. MPAE is a specialized branch of mechanical conceived to bridge the gap between mechanical and automation, which is a good combination. Also it is aimed to cater the increasing automation demands in India. The curriculum does not have many core mechanical subjects like refrigeration, internal combustion, automobile engineering etc. However it has some different subjects like Mechatronics, Microprocessors, Industrial automation etc. which gives an edge.

**Q. What are your areas of interest and key research fields?**

A. Mechanized feeding, welding, low cost automation are few of my key interest areas.

Mr. Pradeep Khanna is one of the eminent faculty at NSIT and his name needs no further introduction. Famously known as 'PRK sir' among NSITians, he is one of the teachers about whom every NSITian is familiar.

With clear and logical thoughts, impressive teaching and practical approach, he is a teacher who is idolized by every student. He has valuable industry experience which helps him to adopt a practical approach and mentor research projects.

**Q. Please tell us about some recent projects that you are mentoring and any project which you personally like?**

A. I personally like live projects which are done in association with industry because they provide experience about current industry needs.

Few of my past projects are :

- 1) Design and Fabrication of Continuous Variable Transmission.
- 2) Design and Fabrication of sensor based part identification, sorting and transfer system.
- 3) Automation of a Low Vision Aid.
- 4) Automated soldering system of silicon wafers.



5) Design, Fabrication and Analysis of Agile sorting and Feeding System.

6) Friction stir welding of Aluminium alloys : Practical study and analysis

**Q. From which departments do you generally prefer to take**

**students for projects?**

A. I generally guide projects done by MPAE students, though student from any branch is welcome as long as he is enthusiastic and hard working.

**Q. Any procedure that you follow to select students?**

A. There is no strict and particular criteria of selection. I generally watch out for enthusiastic and hard working students for

the projects.

**Q. Have you also been involved with societies such as Bullethawk & Motorsports?**

A. I am faculty in- charge of NSIT Motorsports.

**Q. We see many students drifting towards non - technical profiles & management courses. Why aren't they inclined towards technical profiles, in your opinion?**

A. Students prefer to go for management courses due to limited number of technical MPAE jobs offered in NSIT, for better future prospects and many also follow the prevailing trend.

**Q. What are the improvements that should be made in the MPA department and the college in terms of Faculty/Labs/Course Curriculum?**

A. Increase in quality faculty, modern labs and updated course curriculum is always needed in an institution to achieve excellence and we also try to achieve it.

**Q. Any advice you would like to give to NSITians?**

A. Have positive attitude and sincerity to succeed as these two are the most important things in life.

Do you have something to say? Send in a letter to the editor.

Mail us at '[nsit.newspaper@nsitonline.in](mailto:nsit.newspaper@nsitonline.in)'

# RESONANZ '12

With the semester switching between festivities and exams in no time, NSIT witnessed its intra college fest, Resonanz 2012, just a week after the mid semester exams i.e from the September, 29 to October, 1. The fest is held every year in order to give the freshers a glimpse of college life and show them what it takes to organize a successful college fest.

Unlike last year, this year's fest had to be organized in a confined area in the Moksha ground. The change of venue itself had an impact on the footfall of Resonanz, with not many 2nd and 3rd year-ites showing up.

However, the three day extravaganza got an amazing kick-start by opening with a one-act play by Ashwamedh, the drama Society of NSIT, on the 28th September, followed by a grooving pomp and show put up by our Music society, Crescendo



that got the audience's adrenaline rushing. The festival saw various small events going 24x7, with treasure hunt, Shockwaves (battle of bands), Beg Borrow Steel, Nach Baliye, 60 seconds to fame, Paper dance, Eat-o-mania grabbing all eyeballs. However, what stole the show were the Mega Events that started in the evening.

The first day saw two mega events back to back- Natyamanch and

Panache. Natyamanch, the inter-branch stage play competition left the spectators roaring with laughter. While each and every branch came up with an applause-seeking act one after the other, it was I.C.E that took away the victor's cup with COE emerging as the Runners Up. Subsequently, Panache, the Fashion Parade, turned out to be a baffling visual treat

Shrey Bansiwala, Ayush Maiti

celebrating the 100 years of Indian Cinema. COE and ICE bagged the runners up trophy while IT proved to be the well deserved winners of the competition.

The following day also saw a jam packed auditorium during the dancing mega event, Rangmanch, where ICE bagged the winning title by giving the viewers an energetic and vibrant dance performance. BT was not left behind with its



power packed popping and locking and ECE showcased an impeccable salsa and heart throbbing hip hop coupled with Indian Bollywood style. The latter branches were the runners up of the competition. This year, the Judges also decided to give away best dancer awards, in both male and female categories which went to Utsav Shah, ICE 2nd year and Meena Ekka, BT, 2nd Year. Shishir Chandra, ECE

2nd year got a special mention. The Moksha Ground was honoured to have the celebrated Nizami Brothers- the voices behind the epic Rahman composition *Kun Faya Kun* from Rockstar- to grace us with scintillating *qawallis and shayari*, in the late evening.



On the last day, Rubal Singh, from IT, and Arush Chaddha from ECE donned the Ms and Mr. Resonanz 2012 sash

respectively. The fest would not have had a more befitting end than the DJ Night, convened by DJ Prashant. It had the students and participants lose themselves to the music and the beats till it was time to go back home. Breaking the 7-year legacy made by ECE, the Reso shield went to the equally deserving ICE Branch.

With such a beautiful and fun filled carnival, I am sure the students wanted some more. However, since every good thing has to end one day, so it did, only to come again the next year.

## JOY OF GIVING WEEK

"Did universal charity prevail, earth would be a heaven, and hell a fable".

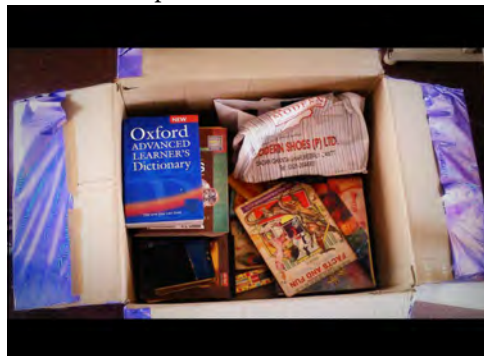
Taking forward their tradition of helping the underprivileged, the rotaract club of NSIT organized its annual collection drive, 'Joy of giving week' from October 8 to 12. They encouraged people to donate their old and utilisable items including books, games, jackets, shoes etc. Containers were placed in the admin area and hostels for the purpose. The event, organized by Atul Dhingra from third year, Pragma Kishore, Gaurav Sagar and Anshul Goel from



second year and volunteered by about 23 first years received a well merited response.

Akanksha Dewaker

encyclopedias, novels, unused diaries, a lot of clothes, shoes, stationeries and even



The students and faculty members donated generously to the cause. Large numbers of books, JEE modules of various coaching institutes and notes were contributed by students. Apart from books, dictionaries,

a basketball was donated. All the faculty members were formally invited to join the drive, and they too contributed liberally. A number of books and other stuff were given by the teachers. At the end of each day, the



volunteers would find their cartons full and had a taxing time managing them. The books of various competitive exams and 11-12th classes were donated to Avanti. Avanti is an organisation which helps disadvantaged high school students aspiring to study in top colleges. An inspiring set-up of its own kind, it has received many honors testifying its advance. The other items were donated to Goonj, an NGO in Dwarka that aims at reviving and strengthening rural volunteerism and providing people with the basic amenities. In all, the drive was a huge success and NSITians proved themselves to be a big-hearted fraternity.

## FRESHERS' WEEK

For the freshers, their first semester turned out to be quite eventful with a kaleidoscope of activities and events organized for them under the aegis of 'Crosslinks'. Under the fresher's week, several competitions, talks, workshops, and presentations were conducted by various societies from August 25 to the August 31. The week turned out to be a window for the freshers to know more about the societies and the extra-curricular aspects of NSIT. IEEE, Entrepreneurship and Development Cell, DebSoc, Canvas, Alliance, CSI, Spic Macay, and Rotaract were some of the societies that contributed in making this week a success.



Chandan, Runner - Up Gangs Of Salespur

privileged IEEE members attending it at a compensated price of Rs. 425 while the non IEEE members paid Rs. 750 for the workshop.

The EDC (Entrepreneurship and Development Cell) had an orientation for the freshers on the 3rd day of the week, giving them insight into the working of the society. At the end of the orientation, one could see all the first years instilled to take up entrepreneurship in one form or the other. They got to know about various startups at NSIT and how EDC had helped them. This orientation is only the first of many occasions in promoting entrepreneurship amongst them. They were informed about SIP(Startup Intern Program) as well.

Apart from events organized by various societies, a chess tournament was also held with around 36 students participating in the first round. The second and final rounds were held on the subsequent day.

On the 28th of August, DebSoc gave

Shrey Bansiwala

its regular meetings a kick-start with an exclusive GD for freshers. This gave the newcomers an initiation into the literary activities. The art society, Canvas also came up with an art fiesta, aiming to teach some basic art techniques to the first years, by Ms. Neha Mukhi, a young artist from South Delhi Polytechnic for Women, New Delhi. Students got an opportunity to see some masterpieces by the artist.

The very day also saw an interesting competition conducted by Alliance, 'Gangs of Salespur...kehke bechenge'. It involved two rounds. In the first round, the participants had to suggest taglines for spoofs of various brands. The second round included selling 'The Alliance' newspaper to different celebrities. Anmol Chugh and Anant Simran Singh from COE bagged the first prize while Chandan Kar took away the second. The winners were presented with novels as their prizes.

CSI presented a talk with four eminent 4th years placed in different bigwigs including Facebook, D.E.Shaw and Deloitte on the

29th of August. It saw a great turn out. So much that the mini auditorium seemed to be over-flowing with the juniors. It was followed by an IT quiz exclusively for CSI members.

The sixth day had an orientation by SPIC MACAY- a society that aims to conserve Indian culture, art and heritage. The orientation was conducted by a speaker from their Delhi Section Committee. A hindi classic was screened next.



Anmol, Winner of Gangs Of Salespur

With so many diverse events and competitions taking place all over the week, Ashwamedh - the drama society of NSIT gave a perfect ending to the 'Fresher fiesta'. They performed a street play called 'Maryada Party'. The street play was themed on moral policing, an issue that plagues the present social demographic scenario of the country. The play was met with great appreciation and applause. The efforts of the seniors in general and crosslinks in particular, received compliments by the juniors who really enjoyed this special attention.

# The Custom - T

Shrey Bansiwala

The new semester saw the inception of another promising entrepreneurship by two NSITians, 'The CustomT'. Over the years, our college has witnessed a lot of start-ups, with quite a number of them pertaining to custom t-shirts for the collegiate. However, what sets The CustomT apart is their aim.

While on a survey to find good quality custom t-shirts for his college fest, one of the co-



founders of the company, from Symbiosis Law School, Noida, felt that most of the custom t-shirt manufacturers do not meet the students' requirements in terms of

both quality and design. So he, along with the two NSITians- Videt Jaiswal and Ankit Kulshreshta (from the batch of 2015) - set out to establish a company of their own that caters to such perpetual needs of college students.

The fact that it was the need of their mates, and not the urge to earn early profit, that prompted three young minds to come together and start a venture is commendable in its own way. In fact, this team of three aims to have a profit margin just enough to survive in the market and grow. They make sure that there is no shortcoming on the quality front, even if that implies low profit.



According to Videt Jaiswal, apart from better quality, it is the better communication with their clients and better standards of service that raises their company a few notches above the rest. These factors have made the team garner orders for 3000 t-shirts already, with more than 1500 printed in the last 2 months.

They have made their mark in colleges like SRCC, Maitri, IP college for Women, Hindu, NAIT and MSIT and have also given various dance troupes like Afroza, Zeal, Panache, Nritya and organisations like AIESEC. They have also got closely associated with University Express ([www.universityexpress.co.in](http://www.universityexpress.co.in)). The CustomT has also designed the branch T-shirts for NSIT which has received

a whopping response.

The company's success has prompted the team to set new milestones in their journey of success, which include making a mark not only in Delhi but in the whole country, and may be even internationally. This requires them to grow further and prompts them to hunt for designers to improvise the designs,

which are presently being handled by Videt Jaiswal.

The company has come a long way since its inception,

kudos to the efforts of the team and their rightful motive. The Alliance wishes them good luck for their future ventures as well.



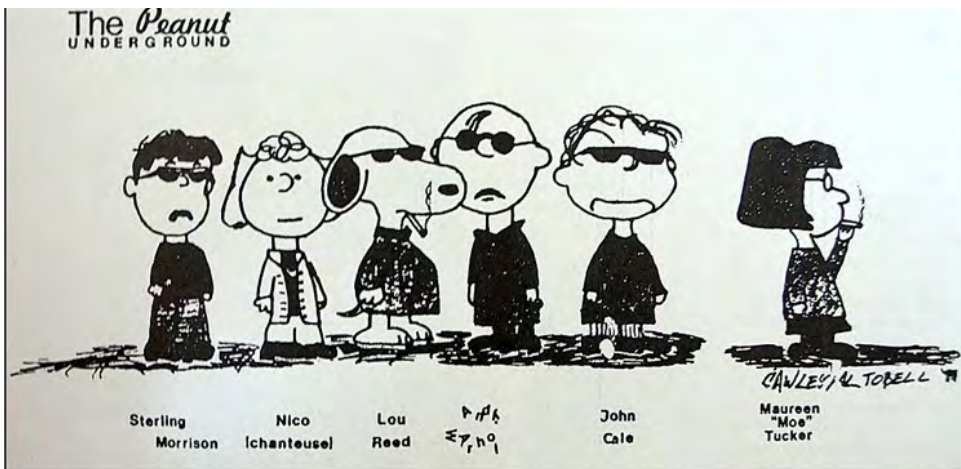
# The Velvet underground and Nico

Arjun Singh

By the mid to the late 60s, the flower children, hippies, counter culture, or whatever you want to call them had risen and spread their ideals of peace and love. There was one thing wrong with their ideals, though: they were unrealistic. By 1966-1967, a band came around which was the polar opposite of these peace loving hippies. The Stooges, the MC5, and the Velvet Underground all wrote songs about what they experienced; the real world. The songs were harsh in music, lyrics, and overall approach. They belonged to the stark industrial cities, where reality was harsh and copping heroin was your main goal for the day, not spreading peace and love. Lou Reed wrote cynical, realistic songs about city life, with the full band droning behind him like a piece of factory equipment. Sometimes the songs would go on for longer than they should, but that's the charm of them.

The Velvet Underground and Nico was their first release, in 1967, and is a milestone for rock music. Though largely ignored upon release, the record has since become one of the most influential and critically acclaimed rock albums in history, appearing at number thirteen on

Rolling Stone magazine's list of the 500 Greatest Albums of All Time. The album cover is famous for its Warhol design: a yellow banana with "Peel slowly and see" printed near a perforated tab. Those who



did remove the banana skin found a pink, peeled banana beneath. It begins with "All tomorrow's Parties" and its sadness and monotony goes hand in hand with Nico's beautifully tired but serious voice. Nico's presence in many of the songs makes them her own, with her rather low, baroque voice. The third

on the album is the repetitive and quiet "Femme Fatale" which contains some great backing vocals by Nico. "Heroin", one of my favourite songs, doesn't really seem like a song; it's more like poetry flowing out of

Reed's mouth. It tells exactly how a person becomes a drug addict, what he feels when he becomes one, and how he does not know that it gradually leads to his death. "Heroin, be the death of me Heroin, it's my wife and it's my life" The songs later on become very hypnotic, as in "I'm Waiting for the Man" and "Venus

in Furs" with the instrumentation repeating over and over, as if you were hearing cars constantly passing by without relenting. "Sunday Morning" is a rather beautiful song, with a very pop-sounding xylophone melody, and is a completely false representation of most of the songs on the album. The song is one of the shortest also, lasting only around two minutes, and gives way to "I'm Waiting for the Man", an undeniable classic. It depicts an addict's daily routine. The character goes to score some substance, in that side of the town where he is rather out of place, and the dealer is late, as always. The character eventually scores the substance, and takes it, and then tells of how he will have to repeat the process all over again.

Though the band has been critically acclaimed, has gotten rave reviews, has been called unique and different, it never gained fame. Yet, there is a cult following for the band. It has inspired many and will continue to influence bands in coming years. The lyrical content (Reed's) really is the most revolutionary aspect of the band.

**"Although hardly anyone bought this debut album, everyone who did started a band."**

# Satire - MUNing towards World Peace

Shivangi Saxena

Dressed in immaculate formals with the demeanor bordering a Russian spy, eloquence in wit laced with sarcasm, doling out extensive air-kisses and the unmistakable SWAGGER. Congratulations, your eyes and brain are working in complete coordination to identify a MUN-er.

For the less fortunate and dim-witted engineers (yes, NSIT does that to you \*sigh\*), a MUNer is a self-confessed crusader of international issues who likes MUNing i.e. participating in MUNs (Model United Nations for the language Nazis and MUNni for the good humored). The Harvard National MUN is the one which started the trend in 1955, shortly after countries agreed to form United Nations because the League of Nations had more pressing issues than preventing the WW2. "The man with a funny moustache", they said didn't have rat's ass chance of creating havoc. Diplomatic predictions however, don't follow planetary motions or grunts of pot-bellied bureaucracy. Thus the trend hit India debuting at Mumbai's posh schools.

Needless to say, it became in fashionable in Delhi along with palazzo pants (google it, Mr Geek if there is a dorky expression on hearing this new term) and eyebrow piercings.

The format of competition is simple - different committees of UN being simulated, bustling with over-zealous delegates. The agenda is provided beforehand providing the option to the delegates to follow the archaic tradition of researching about the countries allotted to them. The MUN is 2-3 day extravaganza with modest fees, great food, eye candy - all greased in politics. Similar to the real UN, the mock one too has three principal organs. The executive board decides the winners, with all probability of the winner essaying the role of a jumping jack, getting aroused at the slightest grammar mistake committed



by any nation. The International Press are the people who share the same agenda as mine - enjoy the show and rip apart in the newsletter. Not a very bad idea to spend the weekend, eh? The Organizing Committee are the famished and the under slept lot smiling through trials and tribulations.

The actual MUN proceedings may be confused to a modern role play but it's much more than that. I mean you have to present your country's stand on world issues without having the knowledge of your capital or worse the cuisine. But never mind, just put together some difficult-sounding sentences in a fake accent and feign condemnation. Or much easier, accuse the neighboring nation of hostility. Or pledge aid to the African Nations. Whatever you harp out there, Just

don't lose the accent please.

And if this political potboiler feels inadequate to spice up your weekend, feel free to strike 'partnerships' with sassy DPRK delegate even if your country has severed all ties with the rogue nation. Skip sessions to 'explore' the campus and channelize the gyrate discussion to your country so that you can finally speak the 5 lines you copied from internet and impress the hazel-eyed director. For those who missed out on their weekend drinking and clubbing due to 'international issues', fret not my friend. The 'After-parties' are your answer, dance away with the delegates and more random people.

And when the MUN gets over, rejoice the 2 best days of your life by the constant display of affection at social networking sites. Tag/wall post/status/comment to show your love for the delegate with whom you shared your Dal Makhni and proclaim him/her as your soulmate/BFF/sister/bros. Duh! you went there for international cooperation. Amen!

1. Olive leaves to those who 'appreciated' the dry humor!
2. Free Dal makhni and butter naan to those who think I nailed it.



# THE GRASSROOT LEVEL

Saurabh Bains, ECE, 2nd year

What began with me lying in my bed telling dad- "Dad, kuch accha kaam dhoond do" grew to me making several calls, sending SOPs to several NGOs/ government research facilities and appearing for a few interviews.

Eventually I stumbled upon a month long internship in an NGO called 'Manthan', under the aegis of the organization 'Pravah' in the village Kotri (Ajmer District, Rajasthan) starting 15th June. I had to take care of the water conservation project there, as well as teach some toddlers.

Manthan is a regional centre of The Barefoot College, Tilonia -started by Dr. Bunker Roy and his wife Aruna Roy (yes, the famous RTI activist). What makes this organization stand apart in its approach

Summer after the first year of college can offer so many varied avenues to learn. Saurabh Bains, is one NSITian who tried to reap out the most out of his summer through an internship that taught him some vital attributes through little nuances, which were huge in experience. Read on his eventful account.

in tackling socio-environmental issues is its ability in recognizing the complexity and inter-linkages of social issues and building the skills of the locals. You realize the true marvel of this organisation when you see a 5th pass student who is making solar lanterns from scratch (this involves putting resistors and Integrated Circuits(ICs) on the bread board, something even many ECE graduates cannot do). It was spellbinding to see how with a little patience and immense motivation these villagers have learned to help themselves.



One very interesting project under Manthan was the Child Parliament. It is a mock parliament of young and under 14 teens from different areas in Ajmer District. The purpose of the Child Parliament was to give power to children to voice their opinions on matters of School administration ranging from quality of teachers to availability of electricity. Owing to my curiosity, I thought of paying a visit to the young ministers of the child parliament. As I entered, I asked for an introduction from the Prime Minister. She retorted confidently and told me that since I was visiting their classroom, I should introduce myself first. I was really impressed to see such confidence and insight in an 8th standard village girl.

This made me realize that given a little

freedom and an outlet for the otherwise ignored "kids" they can surely surpass most of their educated counterparts.

You realize the success of such programs when you listen to stories of a small boy in one of the poorest part of the village talking about his uncle who is a pilot and how he will become an Air force pilot to serve his nation.

Staying in such extreme conditions was difficult at first, but the promise of meeting interesting people, sharing stories with the locals, the cheerful faces of my students every morning, the satisfaction of making a difference or just the thrill of stumbling upon something absolutely weird or amazing made it all worth the



sweat.

Sometimes while travelling between villages with 3-4 people on a bike or sitting on top of a jeep with 50 people (Yes 50!), I felt like Shah Rukh's character right out of 'Swades'. But then I smiled as I knew, that this experience was the most cherishable.

## Our education system – the skeleton of a developing India

Shubham Prakhar, ICE, 3rd year

*"Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid."*

- Albert Einstein

Great men have said that education is the most powerful weapon we have to change the world. It is not the filling of a pail, but the lighting of a fire. An education is not how much you have committed to memory, or even how much you know. It is being able to differentiate between what you know and what you do not. Education is an admirable thing, but it is good to remember from time to time that nothing that is worth knowing can be taught.

India hopes to become a superpower by 2050. History stands testament to the fact that it takes education to build a prosperous society, which in turn shapes a developed nation. So, what are the elements in the prevailing scenario that need to be changed in order to achieve this goal? I believe that there are a lot of problems due to which education fails

to reach out to a lot of people and the current education structure is not efficient enough.

One of the major pitfalls of our system is its lack of flexibility. The situation would have been quite different if students had more freedom to choose their subjects and, on a larger scale, their careers. Anyone who has faced the Board examinations knows what a big hue and cry is raised over them. But, is this a case of much ado about nothing? I am afraid it is not. Those raising this hue and cry are the people who know how much importance is assigned to one's Boards examination marks in India and that is where the problem actually lies. The importance assigned to one examination.

There is no doubt that getting stellar grades in the Board examinations gives one an impressive bullet point on his or her resume but, at the end of the day, is education not meant to achieve a lot more than that? Is it not about making the world a better place for us to live in by making

us capable and responsible citizens? I can sense some of you thinking along the lines "Oh God! Here comes another philosopher in the garb of an engineer!" which brings me to another point, how do people become "engineers", anyway? Maybe, I am a philosopher! Or does getting an admission into one of India's reputed engineering colleges make one an "engineer" in the true sense of the word?

In India, when a student faces the Class X Board examinations, there are three possible outcomes. In fact, in many cases, much before the exam itself, he or she is labelled either a bright student or an average student or a poor student. Now, the brighter ones have their decisions made for them - by their parents, teachers, well-wishers et al. Mostly, it is to pursue either Engineering or Medicine after school. These students are made to believe that the normal course of action is to take part in the rat-race of the entrance examinations and to slog day-in and day-out to secure a good rank and, consequently, a good college. All this just

because the society has this general perception that connects words like "lucrative", "secure" and "prestigious" to these professions. Such is the predicament of the so-called "bright" students. But what about the "average" and the "poor" students? In quotes because we are judging their abilities on the basis of their performances in a system which clearly does not suit them the best. Their situation becomes even worse as the society does not accord the same status and respect to an Arts Major or a Sports person (until he is successful, anyway) as it would to an Engineer or a Doctor. That is just how it is and it is truly a tragedy.

Until and unless we accord the same respect and opportunities to all professions; until and unless, we honestly believe in the fact that all talent is equal and none is more spectacular than any other, individual brilliance excepted, I do not think we can even begin to solve our education system's conundrum as it all begins at a very basic level - in our minds - and then just magnifies as the child grows up and becomes a part of the very same system, which he once looked down upon.

## Journey to the hallowed party

Yash Ujjwal, ICE, 1<sup>st</sup> Year

Dreams came true as two years of hardwork finally paved way to NSIT. Leaving behind those monotonous school days, I was all geared up to enter into college life, which people say are the best years of life. But the initial weeks at NSIT just proved to be equally boring if not more (at least in



school, I understood what teachers said). But as we all were about to give up the last shreds of hope we had about experiencing college life, fresher's party came to our rescue. As preparations for it kicked off, the whole of NSIT seemed to be vibrating with energy. Some dancing away on the terraces, while some singing their hearts out in the classrooms. All under the careful guidance of seniors, determined

to take their branches no longer felt like an engineering college. Then came the show time, the stage was set, participants were ready and a fairly good crowd had gathered in the moksha lawns ready to witness the battle between the branches.

ICE guys were the clear favourites, being winners for the past four years. The event started with the selection of Mr and Mrs Fresher. While girls had to dance in the first round, boys had the option of either ramp walk or dance. The second round consisted of questions and answers. Titles went to

Himank from ICE and Ruchi from MPAE.



After that, the war between branches began with each of them showcasing the hardwork they had put in. The crowds cheered and sometimes booed performances as their anxieties grew as to which branch takes away the crown. Finally decision time, the judges were called as different areas of crowd shouted their branch names. This time for the first time, IT&BT took

and MPAE settled for 2nd and 3rd positions respectively. The event concluded with a 4th year seniors giving their review of the party with one of the seniors performing a rap number.

Though the seniors did say that the performances were not as great as earlier



fresher's parties used to have, I personally felt that the objective of the party was fulfilled. For the first time, we came under direct contact with seniors, we felt a sense of 'welcome' from the college, a feeling of warmth from the college, a sense of belonging towards the college and that I think is the purpose of a fresher's party, rather than quality of performances.



## The Bullethawks rule the Buddha International circuit

Given a chance, who would not want to be in front of the racing champions of the world like Vettel and Schumacher! The 'Bullethawk Racing' group of NSIT not only got the chance to meet these bigwigs, they also competed at the Buddha International Circuit in the Maruti Suzuki SAE formula race.

The Maruti Suzuki SAE is a formula based car competition, wherein the participating teams build a car adhering to certain predefined specifications. The teams have to first undergo a Virtual round where the judges select a car on basis of the viability of the concept it presents.

The Virtual Round of this competition was held in January 2012 in which the NSIT BHR team successfully qualified. They put in hours of hard work for the next 7 to 8 months and finally came up with the manufactured car for the Final Round. The car was tested for its working, components, endurance etc. The competition was held from the 6th to the 9th of September. Around 110 college teams participated in the grand competition, out of which 66 teams were allowed to compete on the Buddha International circuit. The NSIT team comprised of 17 members, out of which 3 have passed out.

Though the team missed out on the winning trophy, they bagged the 3rd position on the marketing front amongst the 110 teams that participated. According to the marketing head of the team, Arnav Gera, the team was a bit mismanaged this time, but they are all geared up to go for it again this year with better preparations. The team is looking forward to tie up with companies like J K Tyres for sponsorships. The competition requires around 5-6 Lakhs that is borne by the team. They are also in talks with the international judges of the event to get their critique and feedback.

Whether they come back as winners or not, the team definitely had a great time during and before the competition. The team had an educational and fun-filled experience that will undoubtedly be cherished forever.

## New dwellings in campus

This academic session began with the opening of a new Girls Hostel in the Type-1 staff quarters. Under the wardenship of Mrs. Sushma Nagpal, it currently houses the first years and a few M.Tech and second year students. Divided into 4 blocks with a total of 32 rooms, each being occupied by two students, it also provides a spacious verandah for recreational activities.

With the exception of a balcony for every room and the alleged presence of a Wi-Fi network, it is the same old hostel story with a few more discomforts appended. The food is transported from the main hostel and is therefore, served cold. The entry timing for the residents are 8:00pm instead of 8:30pm as is the rule in the main hostel, and there is no television for the purpose of entertainment. Most importantly, this fresh batch will surely be missing the 'senior gyaan' available 24\*7 in the main hostel.

## TI Centre for Embedded product Design

After a lot of consistent efforts, finally an industry-academia collaboration came up at NSIT. TI Centre for embedded product design is a permanent Texas Instruments lab established in the campus for the benefit of electronics and instrumentation students. The lab, set up under the excellent guidance of Prof. D.V. Gadre aims to help interested students in propelling their interest towards research and designing of embedded products.

## NSIT team aces the SIFE regionals



The SIFE team from NSIT cleared the regional rounds for the SIFE nationals held on 25th June in Delhi. The 25-membered team, headed by Neha Yadav from 2012 batch aced the northern region rounds along with five other teams, winning for themselves a trophy and trip sponsored by KPMG to Mumbai for the next round. The teams were judged on the basis of social, economic and environmental impact

they brought in the society. The NSIT team with its 2 projects-Pratham and Akriti was the only one to qualify for nationals within the first year of its inception. The team worked with the ragpicker's community in Matiyala under Project-Pratham and the women of Bharat Vihar settlements, Dwarka under Project-Akriti during the last year. The national rounds for the international competition were held on fourth of July in Mumbai, where H.R. College of Commerce and Economics (Mumbai) was declared winner.

## NSIT WiFi-ed!

"We are among one of the best T schools in India and our college don't provide us internet in the campus."

This cliché often describes the agony of the NSIT fraternity towards the dearth of internet connectivity in the campus.

The recent move to set up three wifi routers in the COE block has acted as a breather for the students who were tired of countless protests. Even though the three routers placed in the first floor of the block don't seem very good according to an institutes standard because of numerous consistency issues and sporadic connectivity snags but the good speed is enough to get cheers on the faces of those working on research projects on the campus.

Summing up the rest, It is better to have something than nothing.

## The gym witnesses new reforms

"An idol engineer should not only be intellectually strong and technically sound, but he should also be physically fit".

After a long crusade of movements, things have started to change in NSIT in a good way. The NSIT gym, which was once ill-famed for its rickety equipments and mocked for its paucity of basic infrastructure experienced a fresh wave of transformation a few days back. The gym now houses three new treadmills along with two electronic bicycles. This is in addition to the purchase of new weighing and exercising instruments in the gym.

The proactiveness of the physical training department of NSIT could be extrapolated from the fact that the estimated cost for the renovation is said to be around Rs. 57 lacs(provisional figure).

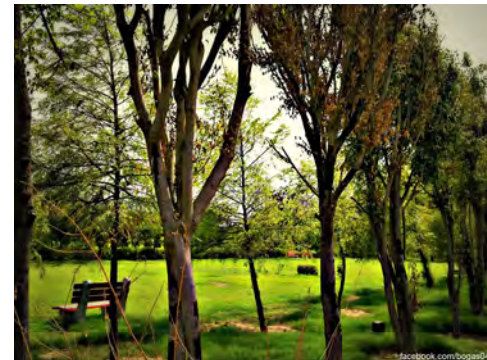
Hopefully all the NSITians benefit from this reform in a healthier way.

## Quiz Club Collaboration



Q. After which famous Indian is this lake in Switzerland named after?

## Junoon-The photography Club Collaboration



Identify + caption this.

## THE NEWSPAPER TEAM

### Mentors



Mansi Aggarwal  
Batch of 2012



Rajat Goel  
Batch of 2012



Arjun Singh  
ECE 4<sup>th</sup> year



Esha Puri  
MPAE 4<sup>th</sup> year



Gazal Gupta  
COE 4<sup>th</sup> year



Nilayan Das Gupta  
ECE 4<sup>th</sup> year

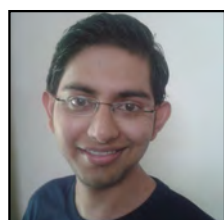


Nitin Garg  
IT 4<sup>th</sup> year

### Editors



Akanksha Dewaker  
ECE 3<sup>rd</sup> year  
(Feature)



Ishan Nigam  
IT 3<sup>rd</sup> year  
(Content)



Shivangi Saxena  
IT 3<sup>rd</sup> year  
(Content)



Toshit Agarwal  
COE 3<sup>rd</sup> year  
(Managing)

### Journalists



Ayush Maiti  
ICE 2<sup>nd</sup> year



Krishan Kumar Singh  
COE 2<sup>nd</sup> year



Shrey Bansiwala  
ECE 2<sup>nd</sup> year