

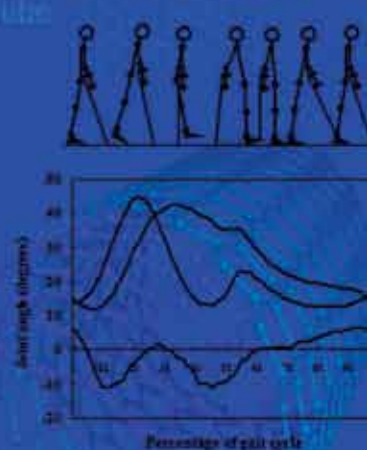
$$\frac{1}{1+z^2} = \frac{1}{(1+iz)(1-iz)} = \frac{1}{2i} \left[\frac{1}{1-iz} - \frac{1}{1+iz} \right]$$

$$= \frac{1}{2i} \sum_{n=0}^{\infty} (iz)^n - \frac{1}{2i} \sum_{n=0}^{\infty} (-iz)^n$$

$$= \frac{1}{2i} \sum_{n=0}^{\infty} (i^{n+1} - (-i)^{n+1}) z^n$$

$$= \sum_{n=0}^{\infty} \frac{1}{2} (i^{n+1} + i^{n+1}) z^n = \sum_{n=0}^{\infty} i^{n+1} z^n$$

$$= \sum_{n=0}^{\infty} i^{2k+1} z^{2k} = \sum_{k=0}^{\infty} i z^{2k} = i \sum_{k=0}^{\infty} z^{2k}$$



$$\begin{aligned} \left(\frac{1}{C_{1s}} \right) I_1 - \frac{1}{C_{1s}} I_2 &= \frac{1}{C_{2s}} I_2 + C_{1v} \\ (s + R_2) I_2 - \frac{1}{C_{2s}} I_3 + 0 &= \frac{1}{C_{2s}} I_2 + C_{1v} \\ (s + \frac{1}{C_{3s}} + R_3) I_3 - \frac{1}{C_{3s}} I_4 + \frac{1}{C_{2s}} I_2 &= \frac{1}{C_{3s}} I_2 + C_{1v} \\ 0 + 0 - \frac{1}{C_{3s}} I_3 + \left(\frac{1}{C_{3s}} + R_4 \right) I_4 &= 0 - \frac{1}{C_{3s}} I_2 \\ \frac{1}{C_{3s}} I_3 + 0 + \left(\frac{1}{C_{2s}} + R_5 \right) I_4 &= \frac{1}{C_{3s}} I_2 \end{aligned}$$



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"From the President's Desk..."

The mettle of an Engineering college is normally assessed by its ability to infuse research in the minds of students and its ability to nurture the same in the young minds. SSNCE, besides the regular academic activities of students, has been in the fore front by way of research by faculty, research by students, its willingness to associate itself with the society and sports achievements by the students.

I congratulate the faculty, M/S Vijay Sekar, Rama Parvathi and Kishore for earning their PhD Degree in this quarter. The college has conducted as many as 14 workshops, two National conferences, besides thirty - five publications in scientific journals and an equal number in conferences. I am happy to find that the faculty have won two major Projects, one on Speech synthesis and the other in Soft Error studies.

"From the Principal's Desk..."

The commencement of the New Year 2012 marked renewed energy, vigour and achievements. To begin with the Entrepreneurship Development Cell conducted an E-Week from 11 to 18 Feb 2012 to nurture the budding entrepreneurs of SSN. The Twelfth Graduation Day was celebrated with Col. Dr. G. Thiruvassagam, Vice Chancellor, University of Madras, as the Chief Guest on 24 March 2012.

Our institution organized a three-day cultural festival "INSTINCTS" from 8 to 10 March 2012. The fest provided a platform for our students to explore their organizational and managerial skills. It was a right blend of effort and execution with leaders emerging at every stage of the event. The Fifth SSN Research Day was celebrated with Prof. A. K. Barua, Former Director, Indian Association for the Cultivation of Science, as the Chief Guest, on 26 March 2012.

On the Sports front, SSN OPEN 2K12 - A national level Tennis Tournament was organised at the newly laid synthetic Tennis court and inaugurated by Padmasri Ramesh Krishnan, International Tennis Player on 06 Feb 12. The Thirteenth Sports Day was celebrated with Ms. Joshna Chinnappa, International Squash Player as the Chief Guest on 27 March 2012.

The Department of ECE organized a workshop on "Introduction to Robotics" in collaboration with IIT Bombay on 21, 22 Feb 2012.

Under the auspices of IEEE Student Chapter of SSNCE, a workshop on "MICROSOFT DREAMSPARK YATRA- 2012" was organized on 15 March 2012. The Department of EEE organized a national level workshop on "Simulation Software for Electrical Systems" sponsored by ISTE and a workshop on "Exploring Engineering with ROBOTS" under I-CELL of EEE Dept. The Department of EEE also organized the Second National Conference on Power Electronics & Renewable Energy Systems-PEARES 2012 supported by CSIR on 22 & 23 March 2012

The Department of IT organized 4 workshops: a two-day national level workshop on "Emerging Directions in Image Processing & Understanding," a two-day national level workshop on "Essentials of Cyber Security and Forensics - A Practical Perspective," a two-day National Level Workshop on "Web Semantics & Machine Intelligence," and a two-day national level workshop on "A Practical & Systematic Approach to Android Based Development." I am extremely happy to inform you that the Ministry of Communication and Information Technology (MCIT), DIT, Govt. of India sanctioned a project on "Development of text-to-speech synthesis for Indian languages" with a grant of Rs. 77 lakhs to Dr. T. Nagarajan, Prof. & Head/IT and Dr. P. Vijayalakshmi, Professor/ECE.

Ms. Kala Vijayakumar

My congratulations to M/S Navin kumar, Poorvajan, Shiv Shankar, Prayumna, Arun Raj, Mohan Kumar, Amrutha, Raghavi, Ganesh Prasad, Nithya Thangadurai, Anusha (ChE), Anusha Pratiba, Srisha, Archana, Lakshmi (BME), Rohit P (IT), Rohit Subramanian, R Venkatesh, Mubarak(Mech) for their prize - winning scientific innovations. On the Sports front also our students M/S Anaka, Gunasundari, Nitin (CSE), Geetha, Shankar, Bharathi, Shankar (ECE), Jeffrey (EEE), Bharathi, Suneri (CSE) have all exhibited their talents and won laurels in their chosen sports.

With INSPIRE, a unique exposition to science for students of High Schools and a number of programmes of NSS & YRC we can be satisfied with our association with the society for its welfare at large. I wish in future we excel in all that we have done so far.

Dr. S. Salivahanan

The Department of Biomedical Engineering organized 4 workshops this quarter: a Three-Day Workshop on "Cognitive Neuroscience and Brain Computer Interface Applications and Hands on Training on Biostatistics," a two-day national level seminar on "Recent Advances in Medical Imaging Techniques," a two-day workshop on "LabVIEW & Its Applications," a one-day workshop on "Finite element analysis and its applications" and a national level seminar on "Intellectual Property rights, Patents & Copyrights. A one-day MEDIEXPO'12, organized by Association of Biomedical Engineering was sponsored by Helix Corporation Bangalore on 28 March 2012. 27 Projects done by second, third and final year BME students of SSN were exhibited.

The Department of Chemical Engineering organized a national level seminar on "Sustainable water resource management" funded by the Ministry of Earth Sciences, Government of India; a one-day national conference on "Recent Trends - Chemical Energy & Bio-Chemical; a two-day national level workshop on "Water Pollution & its Control (WPC)" funded by Ministry of Earth Sciences, Government of India; one-day workshop on "Computer Applications In Industrial Processes"; Dr. N. Jagannadhaswamy Memorial Lecture-2012 in association with IChE Chennai Regional centre; a national conference on "Applications of Nanomaterials" and a national level workshop on "Applications of Nanotechnology in Pollution Abatement" Sponsored by DRDO.

The Department of Mechanical Engineering organized a one-day workshop on "Inverse heat conduction problems" and a two-day workshop on "Robotics" in collaboration with Li2 Innovations Pvt. Ltd, Bangalore.

The Department of Physics conducted the Department of Science and Technology sponsored INSPIRE Science Camp for school children and an International Workshop on "Advances in Photonics and Optical Materials." The Department of Chemistry organized a one day workshop on "Realms of Electrochemistry" on 3 & 4 March 2012.

Here are the programmes conducted by the Department of English: a guest lecture, "What is Good English?" by Prof. Shireesh Choudhary, Department of Humanities and Social Sciences, Indian Institute of Technology, Madras; the SSN Best Speaker Contest; a talk on "Where Does the Power of Speech Come from?" by Mr. Robert Bellarmine, Former English Studies Officer, British Council (South India), Chennai, and the prize-giving ceremony of the SSN Creative Writing Contest. Dr Swarnalatha R, Associate Professor, Dept of Humanities and Social Sciences, IIT M, was the Chief Guest of the day. Dr. S Thiruventakaswami, Prof./English organized two faculty development programmes

“Staff Development: An Awareness Raising” for the faculty of SSN CE and “Office Communication” for the non-teaching faculty of SSN.

Hearty congratulations to Dr. K. S. Vijay Sekar, Asso. Prof. / Mech. and Dr. R. Ramaprabha, Asso. Professor/EEE for receiving their Ph. D. degree from Anna University in the Convocation function.

Congratulations! The project of Rohit P, III B.Tech. (IT) on “Optimization plugin for Google Voice” was accepted by Google Inc. to be used by Google in their official Google Voice Service.

The NSS Unit of our College organized a rally in association with the Thiruporur police station to create awareness on “ROAD SAFETY” on 10 Jan 2012 and also organized the annual special camp at Rayamangalam Village from 16 to 22 Feb 2012. The

YRC Unit of SSN organised a three-day camp at Aalathur village from 1 to 3 Feb 2012 and also organised campus clean up to create awareness about garbage collection and disposal on 14 March 2012. YRC and NSS volunteers together participated in the Chennai Coastal Clean-up activity.

While I am impressed by the efforts of the departments, I also wish to remind the faculty and the students that the human brain is constantly generating a series of pulses of electrical energy that reflect its levels of activity. When you are awake, there is a mixture of waves operating in your brain in an ever changing pattern. The state just before falling asleep and just after waking up are ideal times to condition your mind to relax to achieve a lower state of awareness. Relax completely both your mind and your body until you are in a transformed state of consciousness. This practice can develop the flashes of creativity and new ideas required for progress.

TRIBUTE 2012

The SSN Annual Alumni Meet was held on January 8, 2012. The evening was attended by Alumni all over the world. 740 members of the Association registered online to attend the event. The evening filled with many activities, was presided over by Mr. R. Srinivasan, Chairman, SSN Institutions and Mrs. Kala Vijayakumar, President, SSN Institutions. Dances and Mimicry were performed by the Alumni members. There was also a host performance from the students of SSN College of Engineering. Mr. Srivatsan TK, President, SSN Alumni Association, delivered the Welcome Speech and addressed the gathering.

The event was telecasted live on the website www.tributesn.com partnered by zeboba.com, for the alumni who could not make it to the event. This year the users have accessed the website from over 32 nations.

The most vital role of Tribute 2012, was the release of the logo for the SSN Alumni Association. The SSN Alumni Association logo was designed by an alumna Mr. Madhan Kumar – MCA 2007 batch. The first issue of the Association newsletter named ‘REFLECTIONS’ was also released. Mr. Sathyamoorthy, Secretary, SSN Alumni Association, delivered the vote of thanks

The major initiative from the USA Chapter of SSN Alumni Association for this academic year was the Student mentoring program for B.E/B.Tech students who are aspiring for their higher studies in foreign universities. This was initiated by an alumna from 2006-2010 batch, CSE Department, Mr. S. Hari Ganesh. He is currently a Masters student at Stanford. He addressed the third year students. SSN Alumni Association.

“The Voice”

There is a voice inside of you
That whispers all day long,
“I feel this is right for me,
I know that this is wrong.”
No teacher, preacher, parent, friend
Or wise man can decide
What’s right for you--just listen to
The voice that speaks inside.”

Shel Silverstein

THE 12TH GRADUATION DAY

SSN College of Engineering conducted its 12th Graduation Day recently and conferred degrees on 835 students at a function held at its campus on OMR.

Dr. G. Thiruvassagam, Vice Chancellor, University of Madras, who was the Chief Guest, gave away medals and certificates to the graduands. Mrs. Kala Vijayakumar, President; S. Salivahanan, Principal, Mr. P. Sivaprasad, Member of the Management Board of SSN College of Engineering; and Mr. B. Srinivasan, Director, School of Management and Computer Applications (SoMCA) were the other dignitaries present.

In his Graduation Day address, the Chief Guest said that the students would now be entering a world of formidable challenges in which it was easy to be swept away by the volume, velocity and variety of transactions. He said that the training — academic, professional, intellectual, ethical — gained at the college would hold them in good stead and equip them with the skills and attitudes to succeed in a fiercely competitive world.

During the academic year 2010 – 2011, 652 engineering UGs, 82 PGs, 47 MCA and 54 MBA students passed out with flying colours. The graduated batch has 47 University rank holders, out of which 23 are within the first ten ranks, including Ms. Raghu Madhumitha, University First Rank (gold medallist), BME (Biomedical Engineering) department. The Management honoured the rank holders with the Chairman’s gold and silver medals and certificates.

In 2011, 42 top notch companies including CTS, Infosys, HCL, Wipro, Hyundai, Ford, Honda Motors, Beroe etc.. recruited 734 students (93 per cent of the graduates). The college has secured a placement record of more than 90 per cent during the last 10 years.

Ms. Kala Vijayakumar said that it was very satisfying to see the students placed in various meritorious positions across a wide spectrum of engineering, manufacturing, and IT industries. The graduates have much to look forward to as they have acquired a good grounding in academics and have developed holistically from exposure to various extra-curricular activities and sports from the institution. They have a lot to be proud of as they step out of the college as world class socially responsible citizens of tomorrow’s India, she said.

“We need to learn and embrace patience. Patience is a holy key that will unlock the door to a more fulfilling life. Behind the blessed door of patience are found better parents, powerful teachers, great businessmen, wise masters, and a more compassionate world.”

Steve Maraboli, Life, the Truth, and Being Free

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E-WEEK ('INVENT THE FUTURE') 2012

The entire campus was abuzz with excitement. Students not belonging to the E-Cell were also taken in by the fever that is the E-Week. Huge banners, announcing the various events that took place, were put up at strategic locations that no eye will miss. Write-ups on the events were posted on the notice boards located in all the departments and almost always someone curious was found reading them. Constant SMS reminders of upcoming and ongoing events have rent the air rambunctious. The E-week instituted by the National Entrepreneurship Network (NEN), India was a grand success this year at SSN College of Engineering. Our E-week inaugural was presided over by Mr. Pandia Rajan who completed his B.E (Hons) from PSG College of Technology, Coimbatore and M.B.A. from XLRI, Jamshedpur. He founded and built Ma Foi Management Consultants Ltd into the first Public Limited HR Service provider in India with about 1500 professionals in 55 offices.

The series of events that won us the "Overall Runners-up champions" of E-week India 2012 are as follows:

1. Kickstart (Feb 11th)

Kickstart, an event that aimed at taking novices at product development from idea to prototype, was a combination of idea generation, idea validation, and from there, actually building the product prototype.

Kickstart happened at 3 centres - SSN College of Engineering, MGR University, and SRM University.

2. School Campaigning

School campaigning in association with Everest India happened in various schools in Chennai. Supporting documents from the schools are attached.

3. VuJaDe (Feb 12th)

Around 300 people participated in the city wide Idea Hunt organized by SSN Lakshya, as a part of Eweek.

4. Big Fight (Feb 13th)

Along the lines of Indian television's hottest debate show, the English Literary Club of SSN staged 'THE BIG FIGHT'. Seven finalists who were chosen from the preliminary stages fought it out for the prize. The topic for the final 'Are Women the Weaker sex?' with its biased subtext was enough to raise the tension.

5. Light a School (Feb 13th)

Select members of Team Lakshya, with a novel idea to illuminate villages affected by power cuts for most of the day, travelled to Sirugumi, near Thiruthani with solar powered lamps. The village was reputed to have a very unsatisfactory schooling system. The students however were encouraged to study in special study centers supported by AID India, but the not infrequent power cuts that plague the village make this a very tedious task indeed. So, with the theme. Invent the Future in mind, eLeaders reached the village ready to implement a sustainable, environmentally friendly source of lights.

6. TEDxSSN (Feb 14th)

TEDxSSN is a speaker conference that is independently licensed event by TED, a global nonprofit.

The second edition of TEDxSSN went off in a sparkling fashion, reaching out to the 500 people in the audience and over 10000 people over live webcast. The speakers and performers were Dr. Alladi Mohan, Akshay Madhavan, Aditya Madhavan, Suhail Ahmed, Sahithya Jagannathan, L Murugashankari, Franks got the Funk, T M Krishna, Sudhish Kamath and Sandesh Reddy.

The event was livestreamed by MSLive and viewed by over 10000 people. It is covered by yourstory.in, and I will send the link once it is published.



7. Youth Parliament (Feb 15th)

The youth parliament conference was one of our crowd pullers during the course of the week. Candidates from different colleges had a parliamentary conference on the aspects of FDI in Indian retail.

8. Opportunities Abroad Seminar (Feb 15th)

Opportunities Abroad Seminar was conducted by officials from France, Germany, and the US consulates, to break myths about higher studies, and misdirecting consultancies.

9. DeveloPro (Feb 15th)

Developro was an event organized by SSN Lakshya to put together a series of startup stories, to inspire students to:

1. Work at Startups

2. Startup themselves.

The three professional speakers were Dorai Thodla, Asif Ali, and Mayur Narasimhan.

The student speakers were from the student startup companies- MitoSis and Musicperk

10. Crazy Bazaar (Feb 16th)

It was an event that tested the consumership and other market skills of the participants in a quiz/contest format. The event was a grand success with 79 teams with 3 members each, participating.

11. Football Manager (Feb 16th)

On the 16th of February 2012, The SSN Auditorium played host to about 50 teams of football fanatics, from different colleges in and around Chennai, taking part in an event known as "Football Manager".

The preliminary round was a closely fought quiz with extremely high cut offs and with the stakes held high, 8 teams managed to clinch a place in the finals.



INSTINCTS 2012 – THE BEST INSTINCTS EVER: A REPORT

As the last two people of the Instincts organizing committee fought their way into the Main Auditorium on 8th March for the Inauguration Ceremony and were unable to find any point from where they could enjoy the spectacle of the inauguration in peace, they truly experienced what they call in English an “oxymoron”. It was bitter sweetness for them – bitter because they couldn’t witness the event they had planned carefully, paying attention to every smallest detail and executed with perfection scarcely seen at this level, over the last 50 days, but all the bitterness lost in the extreme sweetness of the fact that Instincts, even before it had gotten fully underway, was already a huge success! A packed auditorium is always a delight to watch, but an auditorium where even standing still (among 3000-odd enthusiastic spectators) requires a significant amount of acrobatics and skill, speaks volumes about the efforts that went into the planning and execution of Instincts 2012 – widely believed to be the best Instincts ever.

Riding on a huge wave of interest generated by its publicity campaign, Instincts 2012 witnessed a record participation from over 20000 students in the 3 days fully packed with action and a line-up of events that are popular in cultural festivals, and some unique events which have uniquely shaped SSN’s cultural festival over the past few years. It kicked off with the Inauguration on 8th March, 2012, by the comedian-actors Santhanam and VTV Ganesh, who were both delightfully entertaining in their conduct and their brief acts of humour on stage. In an age where the inauguration of cultural festivals is marked by the presence of a towering personality who rambles for a long time, making the audience impatient for action, this came as a refreshing change aimed at making the whole event more light-hearted and informal.

Talking of change, Instincts 2012 had more innovations to boast about. Doing away with the standard format of bringing in one single personality from the music industry to do a concert mainly aimed at raising funds for the organisation committee, Instincts organisers had different ideas. Two critical changes were made to the normal practices. One, the organisers didn’t like only one performer for the whole concert. They decided that there would be an ensemble cast of performers from various genres who would be able to provide far more entertainment than just one person. Second, they decided that charging money from viewers for the concert did not exactly go hand in hand with their idea that the fun should be maximised, universal and inclusive. These changes were not free from risk, as it may have backfired, but the organising committee backed itself and went ahead with it. They brought in not one, but five different celebrity performers – singer Ajeesh. BlaaZe, the Rap artiste, Keith Peters, the prodigal bass player, RJ/actor/singer Suchitra, folk singer, Velmurugan and the recent sensation Anirudh Ravichander. To enable everyone to enjoy the Pro Show without tugging their pockets, it was made free for all. The bold changes paid off, with the Pro Show at Instincts this year generating the most number of spectators for any Instincts.

While the first day was dominated by the high voltage Inauguration and Pro Show, there were prominent personalities at other events as well. Actor/Singer/Lyricist Vishaali Kannadasan inaugurated the events of the Saaral Tamil Mandram and gave a moving talk on Tamil language and its future and the Youth of our nation. All the other club events also began on Day 1 of Instincts. All clubs recorded the highest participation in Instincts over the past editions indicating that publicity had played an important role in bringing people to Instincts.

Seeing the response to the events on the first day, people might have wondered if an equal crowd would return on Day 2, which neither had the humour of Santhanam beckoning, nor the extravagant Pro Show to enjoy. But again, people were surprised

when the participation on Day 2 actually increased from the first day. Day 2 kicked off with the Short Film contest “Reels of Fire”, which attracted a flurry of entries from aspiring film-makers. The event was judged by a jury of personalities from the film fraternity, including director Balaji Mohan who is in the news for his acclaimed “Kadhali Sodhappuvadhu Yeppudi” and noted Editor, Antony.

But the event that carried Day 2 was the Variety Show. First, doctor/social worker/actor “Powerstar” Dr. Srinivasan entertained the audiences with his “Superstardom” by throwing away flower garlands and shooting punch dialogues, controversially claiming that his only great competition was Rajinikanth, each of these being cheered and sported by another packed auditorium full of an adulating audience. When Powerstar left, he was followed on the stage by RJ Balaji, the voice that rules the FM radio scene today, and who can make anyone look extremely small and vulnerable with his deprecating sense of humour. RJ Balaji was superb, calling in people from the audience, giving them freak activities to do, and in the process, making a total fool out of them. The participants were sportive and in the end, everyone had some nice, clean fun. The time spent by RJ Balaji on the stage was easily the most entertaining this Instincts. RJ Balaji made way for the variety entertainment competition, where 10 teams performed on the stage on a variety of genres and themes. The performances were entertaining. Some of them on social issues in our country, and environmental issues were thought-provoking to say the least.

The final of the light music competition was in the evening of Day 2, and the participants surprised the audiences with their talent. Day 2 ended with some fun for the participants after a long hectic day of competitions, with students grooving to the latest chartbusters at DJ Nite.

Day 3 had a host of big events scheduled, again generating a lot of interest among participants. Pattimandram, conducted by Saaral Tamil Mandram, had popular artiste “Pattimandram” Raja, judging it. It was an entertaining two hours of debating for the participants as points and counterpoints were cheered by the cleanly divided audience. Instincts’ flagship exhibition show – the Bike Stunt Show – was also held on Day 3, as always attracting a huge crowd of spectators, as professional bikers kept them enthralled with their breathtaking stunts, the likes of which most spectators might have earlier seen only on the TV or net. A few stunts gave adventurous members from the audience a chance to get a firsthand experience of how such stunts felt, something they have never done before.

By the time it was evening, a kind of gloom descended on Instincts. It was the last few hours left of what was the most phenomenal experience for most participants and organisers in their college lives. The last event of Instincts 2012 was the

ChoreoNite, which had managed to rope in Jhony Master to judge the performances. ChoreoNite is always the showdown of teams battling it out for the ultimate honour for their college. This year, it was no different. Every performance was cheered and encouraged by the delightful audience, irrespective of their college rivalries. But quite fairly, the maximum cheers were reserved for the host team from SSN, who have been an important force behind the success of Instincts this year, starting from their Flash Mob at Ampa Skywalk a week before Instincts.

All in all, the organisers, while delighted that Instincts 2012 turned out to be far more sensational than their ambitious plans had hoped for, were left with a moist eye when the buses started from the college on Day 3. It was the end of what one might have called a truly elevating experience – dreaming of something, and seeing the dreams fructify right in front of their eyes. Every SSNite felt proud about the college at the end of

3 days, for everyone had collectively managed to achieve something that was beyond hopes and expectations. Instincts 2012 made a permanent mark on the entire Cultural Festival scene. Participants and even organisers of cultural events in rival colleges were lavish in their praise of the way Instincts 2012 was conducted. Corporates noticed Instincts 2012, and expressed their interest in partnering Instincts next year.

A wise man once said, it's not the events of our lives that shape us, but our beliefs as to what those events mean. Instincts 2012 fits this bill perfectly. They started out just to conduct yet

another cultural festival, but the meaning every single member of the Instincts team gave it, by making it the most important purpose of their college lives, made it the best Instincts ever. It is one thing to be inspired from the legacy of the past, drawing lessons and driving motivation. But it is quite a different feeling when you have been a part of a legacy yourself. That is the feeling that occupies the heart of every single person who contributed towards Instincts 2012, the best Instincts ever!

Rohit Subramanian,
Content Development Board.

DEATH IS A DOG

It was a cold January morn, the best time of the year to be alive in Chennai, and I was on my way to college, cruising on my Yamaha in third gear as usual and looking for girls that might want a lift. I stopped at a bus stop full of girls waiting, clicked the bike into neutral, lit up a cigarette, and gave them the come-hither look, one by one. Not one of them made eye contact long enough for it to be meaningful, but I had a cigarette to finish, so I hung on and puffed away.

A school kid with an oversized bag on his back hunched up to me and asked for a ride. I gave him my practiced haughty sneer but it didn't seem to have any affect on him.

"I can't ride doubles well," I lied to him, hoping he would leave me alone.

Instead, he said out loud, "Can't ride doubles, eh? If two girls ask for a lift you will happily ride triples."

A few giggles and a loud guffaw made me stub my cigarette in anger and roar away. But the kid was right... even three of them would've been no problem.

Further down the road I stopped at a place where my college bus picked up students. I was especially interested in a first year student I had been eyeing for a while, and who I thought had been eyeing me too secretly. She was standing there talking to two other girls. "Hi there," I said in my most charming voice. "Any of you want to ride with me to college?" I looked at all of them, one by one, but let my gaze rest on the girl of my present dream.

They shook their heads in unison. I was about to tell them I was a very safe rider with a zero accident record when the apple of my eye opened her mouth and said, "Not with a loser like you, anyway." And they giggled amongst themselves.

Infuriated, I almost screamed, "Who wants to ride with you dumb bitches anyway?"

Well, it was that kind of day. I forgot about girls for the moment, hunched down low on my seat and accelerated through the traffic. As I was nearing my college, just as I was overtaking a bus, I noticed a stunningly beautiful girl in a window seat and my heart did a somersault, as usual. I slowed down and looked up at her, and she cast a glance my way. At that very instant, out of the corner of my eye I saw a man lean out of a window and spit.

It is every rider's nightmare to be hit by a load of phlegm or a stream of red beetle juice early in the morning... it absolutely ruins the day for you. I had been ambushed by a spitter under similar circumstances before, so I was prepared. I ducked instinctively to avoid the arcing stream of red spittle, and the next thing I knew I was instinctively trying to avoid the black tarmac rushing up to meet my fair and handsome face. A big white flash exploded in my head, and it was a while before I could see or hear anything.

What I saw was a vast hall, the left half painted black, the right white. Along the centre in front of me ran a low parapet, like some sort of dividing line or fence. I saw human-like forms everywhere, most of them heading either left or right. There were quite a few fence sitters too. Everyone was attired in the same uniform grey shroud, heads covered, and you had to get real close to make out the translucent features of a face.

And what I heard sent a chill down my non-existent spine... "Welcome to hell, departed souls," a metallic voice boomed out of everywhere. "Those of you that believe in reincarnation please proceed to the cubicles on the right. The rest may take the portal on the left to eternal damnation."

I joined the fence sitters, for I truly was on the horns of a dilemma. On the one hand I didn't believe in reincarnation, while on the other I didn't want to be forever damned. In any case, how

and why did I end up in hell in the first place? Who made these decisions? I needed some answers.

I approached a shroud and peered in. He looked Japanese, and very old. "Hello, sir," I began hesitantly. "Could you please tell me what's going on here? Why is everyone wearing a featureless shroud?"

He looked at me with sad eyes and said, "In death we are all equal. And this is hell anyway."

"Sure is a crowded place," I mentioned, looking around at the milling throngs of condemned souls. Hordes of them were pouring in all the time, and disappearing through the two sides of the hall.

"I think everyone comes to hell," the old man said, slowly shaking his head. "You have to lead a truly exemplary life on earth to make it to heaven, and that's impossible because the ego always gets in the way. If you notice you will not see any children here, certainly no one under eight."

"Only the good die young?"

"Only the young die good," he corrected me, and continued. "Just a while ago I saw Gandhi here and he was in a hurry to..."

"A while ago?" I asked, incredulous. "He died a long time ago... how long have you been a fence sitter?"

"Time and space are very elastic things. Here time stretches forever, and the only place is NOW."

"Wait a minute... Gandhi didn't make it to heaven?"

The old man let out a hearty laugh. "Are you kidding me? He had such a big ego, and a stubborn one at that."

"How does this reincarnation thing work?" I was desperate to know. "Will I go back as a human or will I become a mosquito and get swatted to death on my first bite?"

"If you are a marginal case... meaning if your bad karma is under sixty per cent... you stand a good chance of being reincarnated as a human being. Otherwise you are taking your chances."

"How do I find my karma rating?"

"When you enter one of those cubicles," he nodded, pointing with his head, "it comes on automatically. You have to play it by ear from then on. Don't try to act smart. Speak from your heart, not your brain. And never argue. Just grin and bear it. Some souls don't even ask to go back as humans. In fact, I was thinking of asking to become a bird of prey this time, if I can't make it back as a human."

I was flabbergasted. "You mean you were reincarnated once and you still came back to hell?"

"I told you..." he said, glaring at me, "the ego gets in the way no matter how hard you try."

"But what happens if I go back as a mosquito and get swatted to death? Do I come back here or do I go to mosquito heaven or hell?"

The old man was lost in thought for a while. "I would think you would come back here, though I'm not sure. Or maybe only humans have heaven and hell waiting for them. Animals don't need such things, I imagine. Life and death are meaningless to them. Only food and sex matter."

"You are full of conjecture, aren't you?"

"Listen, son, you could be reincarnated a thousand times and you would still be full of conjecture. Our primitive brains are not wired to understand much of what happens in this universe. If you really want answers to all your questions maybe you should try intelligent life in a different galaxy altogether... perhaps you might even find some new questions that can't be answered. We were mere fleeting apparitions on a speck of dirt caught in a faint

sunbeam... and now we are fence sitters in hell... so don't take your life or afterlife too seriously."

"I didn't mean to offend you," I apologized quickly. "I was just wondering if reincarnation was worth it."

He was silent for a while before he bent his head towards me. "There is an alternative," he whispered in my ear. "I heard that if you hung around here long enough you could go back to earth as a ghost of your last incarnation. Wouldn't it be fun to scare humans as a vocation?"

I stepped back and looked at him with something bordering on pity. "Is that why you been here for so long? To go back a ghost?"

He gave me a wry smile. "Better than going back to a dumb human life and coming back here in a hurry. Better than being a bird of prey or..."

"Good luck with the wait," I interrupted. "And happy ghosting."

I joined one of the many queues of souls wanting to be reincarnated. When I reached the end of my line I found myself in front of an empty cubicle. I entered it and wheeled around to see the door close. As it closed it became a display screen on which was flashed the pie chart summary of my life on earth. I was shocked to see my bad karma at eighty per cent. "This can't be right," I cried in sheer disbelief. "I'm only twenty years old... I haven't even had time to be bad on earth... there has been a mistake..."

A metallic voice interrupted my plaint. "There is no mistake. I can see without looking too closely into your wretched soul that you are a bigoted, parochial, chauvinistic racist with a sadistic streak thrown in. Just this morning you almost stoned a dog to death, you abused your cook and called him a karuppu nayee for being late, and you..."

"Oh lord of darkness please let me explain," I begged before he got to the part where I teased girls at bus stops and abused them when they ignored me. "That dog was always trying to bite me, always chasing me on my bike... I almost fell off my bike once when he scared me by snapping at my heel at forty kmph... It never chased or tried to bite anyone else on my street. It was just a mad dog and it..."

"There is no madness," the voice interrupted again, "only different methodologies."

"Well... er... yes.. I'm sorry..." I mumbled, wondering if dogs had their own karmas to deal with too.

"And what is it with karuppu nayees? Why do you have to insult all the black canines on earth by comparing them to humans?"

"Oh lord," I began, clutching at straws now, "I'm a prisoner of the times I was born in, a victim of fate. I'm aware that humans are the missing links between true apes and truer humans, so please forgive us our dumbness while we evolve. Please consider, my lord... if the industrial revolution had occurred a few thousand miles to the south it would have all been very different... Indians would be using Dark & Lovely darkening creams and we would be conversing in Swahili... and a karuppu nayee would've been a term of endearment. It's all about perspective, oh lord of darkness."

"Yes, perspective is everything," the voice intoned in metallic sympathy, and my hopes soared. I was going back as a human, probably in a cooler place with richer parents, better upbringing, loads of girlfriends...

"Please send me back a human, dear lord, I promise to do good for humanity."

"Yes, perspective is everything," the voice repeated, and this time I was sure I heard a cast-iron snigger.

There was an immense flash of light, and as reality swam back into life I found myself on the dusty streets of humanity, a karuppu nayee, a mongrel to the core at that. If you thought life was a bitch, believe me, death is a dog.

And so life goes on... and on and on. I keep myself busy chasing spitters or sneaking up behind them and biting them on their ankles. I just have to hear a clearing of the throat or the sound of spittle hitting the ground and I'm off and running, hackles raised and fangs bared with bloody intent. I once chased a bus through five stops before I saw the spitter alight, and I mauled him so bad I'm sure I would've killed him if I hadn't been chased away.

My fellow canines think I'm dumb to be chasing spitters and biting them. I tried telling them about the Law of Karmic Retribution but they wouldn't listen. I tried to show them the method behind the dumbness and how I was making the world a better place to live in, but they merely laughed at me. As for humans, they just

hurl lethal projectiles and the filthiest of abuse for all the good I was doing to humanity. One of these days they are gonna give me a real bad name, like Mad Karuppu Nayee, and hang me. Or shoot me. Or stone me to death.

It's my karma, I guess, but I'm not overly concerned about the mode of dispatch or its timing, for if there is one thing I know, it is this... ALL DOGS GO TO HEAVEN.

Bow wow.

Mila Kankanala
I B.E. (ECE)

DEPARTMENT OF PHYSICAL EDUCATION

S.No.	Date	Activities
1.	26.12.11 to 05.01.12	R. Bharathi (I year ECE) participated in the Hastings International Open Chess Tournament at London and was selected to play Aeroflot International Open Chess Tournament at Moscow, from 06.02.2012 to 17.02.2012
2	29.12.11 to 09.01.12 .	A. Anaka (I CSE) participated in the British Junior Open Squash Championship held at London.
3	04.01.12 to 13.01.12 and 15.01.12 to 23.01.12	S. Nitin (II CSE) participated in the 4th Chennai GM International Open Championship 2012 held at Chennai and in the 10th Delhi GM International Open held at Delhi
4.	11.01.12	Anaka Alankamony has been ranked No.2 in the world among girls in the latest WSF World Junior Circuit Rankings. The 17-year-old from Chennai followed her unexpected success in the last year's Asian Junior Championships by winning the Indian Junior Open at her home city in September.
5.	06.02.12 to 09.02.12	The institution organized SSN OPEN 2K12 National Level Tennis Tournament in the newly laid synthetic tennis court. The tournament was inaugurated by Padmasri Ramesh Krishnaan, International Tennis Player on 06.02.12 at 9.00 a.m
6.	14.02.12 to 29.02.12	SSN won the following shields in the TIES-2012 organized by JJ College of Engineering, Trichy. 1.Tennis (M) – Winners 2. Badminton (M & W) – Winners 3. Table Tennis (m & w) – Runners up 4. Tennis (w) – Runners up 5. Chess (M) – Runners up Our college won the following medals in athletics in the TIES-2012 organized by JJ College of Engineering, Trichy. N. Shankar (III year ECE) won the individual championship in athletics, and three gold medals in Shot Put, Discus Throw and Hammer Throw respectively. M. R. Gunasundari (II CSE) received a gold medal in Shot Put and silver medal in Discus Throw. In addition, M. Geetha (I ECE) secured a silver medal in the Triple Jump event. SSN emerged the glorious Overall Runners in the meet.

THE SSN CREATIVE WRITING CONTEST 2011-2012

The Department of English, SSN College of Engineering, launched the first SSN Creative Writing Contest in July 2010. Two literary prizes are instituted to attract and honour effective writing among the students of SSN: The SSN Poetry Prize & The SSN Fiction Prize

The SSN Poetry Prize, a competition celebrating excellence in verse in English, was open to all the students of SSN. All entrants were asked to submit a portfolio of two or three poems (the total maximum length of 72 lines) on any subject, written in any style, provided it is an original work, not published elsewhere.

The SSN Fiction Prize, a competition celebrating excellence in story writing in English, was open to all the students of SSN. All entrants were asked to submit a story of 2000 words on any subject, written in any style, provided it is an original work, not published elsewhere.

This year the competition was open for a year from 1 March 2011 to 28 Feb 2012.

It was an honour to have Dr. Swarnalatha Rangarajan, to judge the SSN Creative Writing contest. An Associate Professor in the Department of Humanities and Social Sciences, IIT Madras, Dr. Swarnalatha was a Fulbright visiting scholar at Harvard University where she took a course in advanced fiction writing. Her short fiction has appeared in *Zuban's 21 under 40*, *Penguin's First Proof*, *South Asian Review* and *Asia Writes*. She is passionate about the environment and is the founding editor of the academic peer-reviewed journal, *The Indian Journal of Ecocriticism* and has guest edited issues on Indian ecosophy for the *Canadian Journal of Deep Ecology*, *The Trumpeter*. She is currently working on her first novel.

Dr. Swarnalatha announced and awarded the winners during the prize-giving ceremony at 11.30 a.m. in the mini auditorium on 30 March 2012. This was indeed a promising day for the young poets and ambitious fiction writers of the college.

The SSN Creative Writing Contest 2011-2012

The SSN Fiction Prize

Short-listed entries for the SSN Fiction Prize

1. "Amma" by Mohamed Refai Mohamed Irfan, IV BME
2. "The Inheritance" by Nikhil Bharwaj, I ECE
3. "The Perfect Date" by M Manu Prasad, IV EEE
4. "Death is a Dog" by Mila Kankanala, I ECE
5. "Question" by Pratyusha J, II ECE
6. "The Irony of Life" by Visali M, I BME
7. "The Rossiya" by P. M. Krishnan, IV CSE

Long-listed entries for the SSN Fiction Prize

1. "An Odd Coincidence" by Sowmya Kumar, IV ECE
2. "One Day Down, A Lifetime to Go" by Aishwarya R, III EEE
3. "The Story of my life" by Hai Krishnan R, III ECE
4. "The Untold Story" by M Deepak, I ECE
5. "As We Sow . . ." by Balamurugan, IV CSE
6. "Tremors" by Gokul Ram, II MECH
7. "For the World, for life" by Sanjana M, I CSE
8. "What a Mythology" by Vignesh Sridharan, I ECE
9. "The Circle" by S Prasanna Venkatesh, I ECE
10. "Us, the Other World" by Pranav P, II MECH
11. "To Love, AD Infinitum" by Nirmal H, I CSE
12. "Around the world in 7 days" by Yamuna Devi, I BME
13. "On a High" by Manikandan P, III IT

The SSN Fiction Prize

First prize - "Death is a Dog" by Mila Kankanala, I ECE

Second prize - "The Rossiya" by P. M. Krishnan, IV CSE

The SSN Poetry Prize

Short-listed entries for the SSN Poetry Prize

1. "The Silent Shatter, Just being There" by BJ Saranya, II IT
2. "Success through Failure, Dance" by N Viswapriya, III CSE
3. "Being a Bachelor, Living God" by Santosh M, III CSE
4. "Love with a Soldier" by D Keerthika, I EEE
5. "He is, Half Life" by Prayusha J
6. "War and Peace" by Mohamed Refai Mohamed Irfan, IV BME

Long-listed entries for the SSN Poetry Prize

1. "The Organizer, The Ocean Song" by M Manu Prasad, IV EEE
2. "The Blind Man, My Aquatic Bride" P.M. Krishnan, IV CSE
3. "Deceiving Desires" by Ajitha Bharathi, II BME
4. "Hope and Despair" by J Sriram, II CSE
5. "An Ode to Mobile Phones" Fathima Humaira, I EEE

The SSN Poetry Prize:

First prize: "War and Peace" by Mohamed Refai Mohamed Irfan, IV BME

Second prize: "Love with a Soldier" by D Keerthika, I EEE

X.COMMERCE CODE CAMP

The Department of Computer Science and Engineering, in association with eBay conducted a workshop on "X.Commerce Code Camp" on 6th March 2012. eBay has launched X.Commerce, the company's new commerce developer platform designed to house all of eBay's major commerce and developer tools. X.Commerce platform has three key tenants. First, eBay will make sure it has all the commerce tools developers and merchants need to do business, and eBay will make the acquisitions necessary to get it done. Second, the platform will be an "open platform." And third, it will be designed to be easily accessible and usable. (delete if there is no space.)

Mr. Srinivasan Renganathan, MTS 3, Senior Software Developer, eBay, discussed the avenues for students in research in the eCommerce platform. Mr. Ramesh Parthasarathy, Technical Architect, eBay, gave a talk on the internal working of the X.Commerce platform architecture. Then there was a hands-on session on creating X.Commerce capabilities under the guidance of Mr. Venkatesh Thanuvan, MTS 3, Senior Software developer, eBay. The participants developed a bookstore application during the 3-hour hands-on session.



தன்னம்பிக்கை

ஓர் ஊரில் அரசர் ஒருவர் இருந்தார். அவர் ஜோதிடத்தில் மிகவும் நம்பிக்கை உடையவர். அவர் அரசவையில் மாறன் என்ற ஒரு மந்திரி இருந்தார். அவர் மிகவும் திறமையானவர். புத்திசாலியும் கூட. அவர் தன்னுடைய சாதாரியமான பேச்சால் பலமுறை அரசரிடம் பரிசுகள் பெற்றிருக்கிறார். அரசருக்கு என்றாவது ஒரு நாள் காட்டிற்குச் சென்று வேட்டையாட வேண்டும் என்ற எண்ணம் இருந்தது. அதற்கான தக்க சந்தர்ப்பத்தை எதிர்பார்த்துக் கொண்டிருந்தார். ஒரு நாள் அந்த சந்தர்ப்பம் கிடைத்தது, அரசர் வேட்டைக்கு கிளம்பத் தயாரானார். தனது பரிவாரங்களுடன் கிளம்பிக் கொண்டிருந்த போது, எதிரில் மந்திரிமாறன் வந்தார். அதை அபசகுணமாக நினைத்த அரசர் அவரை சிறையில் அடைக்கும்படி உத்தரவிட்டு, பின் வேட்டைக்குக் கிளம்பினார். இதை சற்றும் எதிர்பாராத மந்திரி அரசருக்குத் தகுந்த பாடம் புகட்ட வேண்டும் என்று காத்துக்கொண்டிருந்தார். அன்றைய பொழுதை நன்றாக கழித்துவிட்டு, பின் அரசவைக்குத் திரும்பிய அரசர் மந்திரியை இழுத்து வருமாறு உத்தரவிட்டார். பின் அவரிடம் மீண்டும் இதுபோன்று நடக்காதவாறு பார்த்துக்கொள்ளும்படி கூறினார். மாறன், அரசர் முன் வந்து, அவரை வணங்கி, “ஐயனே! தாங்கள் என் முகத்தில் காலை விழித்ததால் அதை அபசகுணமாக நினைத்து என்னை சிறையில் அடைத்தீர்கள். ஆனால் நானோ உங்கள் முகத்தில் விழித்ததால், எனக்கு இன்று சிறை தண்டனை கிடைத்தது. இப்போது கூறுங்கள், யார் துரதிஷ்டசாலி என்று?” என்று பணிவுடன் கூறினார். இதை கேட்டதும் அரசர் வெட்கத்தில் தலை குனிந்தார். மந்திரியிடம் மன்னிப்புக் கேட்டு பின்பு இது போன்று நடந்து கொள்ளமாட்டேன் என்று உறுதி கொண்டார். அன்றிலிருந்து அரசர் ஜோதிடத்தை நம்பாமல் தன்னம்பிக்கையை மட்டுமே நம்பி வாழ்ந்து வந்தார்.

லோ திவ்யப்பிரியா,
மின் & மின்னியல் துறை

ஒரு பெண்மையின் தடுமாற்றம்

அன்பனே !!!
என் மனம் கவர்ந்த கள்வனே !!!
இன்று என்ன புரியாத மாற்றம் என்னுள்
முன்புபோல் இல்லை என்று தோழி சொல்கிறாள்;
அன்பு மழை என்மேல் பொழிவதாய் நானும்
உணர்கிறேன்
உன்னைப் பார்க்க நேர்ந்தால்
என் கண்கள் ஏனோ தரையைப் பார்க்கின்றன
என் கால்கள் ஏனோ பின்னே செல்கின்றன
புதுமைதான் என்னுள்ளே அச்சம்
இனம் புரியாத வெட்கம்
மனமோ பறவைபோல் ஆனது;
தினமும் உன்னைப் பார்க்க பறந்தது;
சிறகுகள் இல்லாவிட்டாலும் என்ன ஆச்சரியம்
உயிர் பிரிவதுபோல் துடிக்கிறது;
உண்மை சொல்லட்டுமா ???
சினம் கொள்கிறது மனம்
பெண்கள் உன்னை உரிமைகொண்டால்
வெறுமையாகிறது இடம் நீ என்
பக்கம் இல்லை என்றால்;
அதிசயம்தான் என் உதடுகள் மௌனம் காக்கிறது;
கண்கள் பேசி முடிக்கிறது;
பசி வறுமை கொள்கிறது;
ஆம் !!! மென்மையாய் பெண்மையாய்
மாறினேன் இன்று
கண்டேன் தூரத்திலும் உன்முகம்;
சிவந்தேன் நாணத்தால் ஒரு கனம்;
வியந்தேன் காரணம்
பெண்மையிடம் நீ காட்டும் கண்ணியம்;
சிந்தித்துக்கொண்டே இருந்தபோது
முந்திக்கொண்டு மனம் சொன்னது ‘காதல்’;
இப்போது அப்பா சொன்னது நினைவிற்கு வருகிறது
அறியாத வயதில் புரியாமல் தோன்றுவதுதான் காதல்
என்று
நல்லநெறி தவறாமல் வாழத்தான் ஆசை
சொல்தவறா? இறைவா! தெளிவானதை
சரியானதை உணரவைக்க வேண்டுகிறேன் !!!

ரெ தமிழ் ரோஜா, இரண்டாம் ஆண்டு,
முதுநிலை பொறியியல் துறை

புதிய ஆத்திச்சூடி

அனைவரையும் அன்பு செய்.

ஆணவம் கூடாது.

இன்றைய பொழுது உன்னிடம் உள்ளது.

ஈசனைத் துதி

உன் உறவுகளை மதித்து மகிழ்ச்சி காண்.

ஊன்றுகோலாய்ப் பிறர் வளர்ச்சியில் உதவு.

எப்பொழுதும் பொய் பேசாதே.

ஏணி போல் வாழ்வில் உயரங்கள் காண்.

ஐயம் தவிர்.

ஒன்றே குலம் ஒருவனே தேவன் என்பதை உணர்.

ஓடம் போல் வாழ்வில் எதிர்நீச்சல் செய்.

ஓளவை போல் தமிழைப் போற்று.

மைக்கேல் அருண்குமார், இரண்டாம் ஆண்டு,
மின்னணு & தகவல் தொடர்பு

தற்கொலைக்கு தூக்கு

ஒரு நட்சத்திரம் விழுந்து விட்டால்
வானம் வாடியா போகும்?
உன் உயிர்ச் சித்திரத்தை உடைக்கலாமா?
நீ ஒரு முறை வீழ்வதனால்
விழுவது எழுவதற்காகத்தான்
என்று விவேகானந்தர் சொன்னது
கேட்கவில்லையா?
வாசலின் வழியில் தான் கால்வாய்கள் செல்லும்
அதற்காக
வீட்டில் நுழையாமல் இருப்பாயா?
வாழ்க்கையின் வழியில் தான் வேதனைகள் செல்லும்
அதற்காக
வாழாமல் இறப்பாயா?
தோற்றால் தற்கொலை என்ற எண்ணத்தை விடு
இன்றே!
தற்கொலையை தூக்கிலிடு!

ம செந்தில்குமரன், உதவிப் பேராசியர்,
மின் & மின்னணுவியல் துறை

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