October 2012

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VIBRATIONS
available online at
www.ssn.edu.in/vibrations.html
This quarter of the new academic year has seen the embarkation of our social venture “Vidyal” with the refresher training of 300 PG teachers from Govt Higher Sec School and the second year in succession has witnessed the INSPIRE programme for inspiring Science in the minds of about 160 high-school students. I appreciate all the teachers responsible for these happenings. It gives me great pleasure to see that the much-talked-about Industry-Institute interaction taking place: The Texas Instruments (India) selecting our students’ projects in their First phase; the CSE Department interacting with Micro Soft labs for involving technology for improving education; and the BME Dept interacting with HCL for Risk Management of Medical Instruments.

I am glad to note that this is the time when all the departments conducted National seminars and all of them were well attended. I congratulate Dr. P. Balaji, our Physical Director for securing Ph.D. Our athletes have proved their worth: Sushmitha in Aquatics, Gokula Lakshmi and Suneri in Tennis, Nelesh Subramaniam in Cricket, Sameera Kumar in TT, and Shankar in Shot put. The SSN trophy was well-conducted and attended by more than 80 institutes. I congratulate all those who have rendered selfless service for the conduct of the same.

Before I conclude, let me share with you a thought, my dear teachers and students: There were 1110 offers for 700 students! I look forward to better their achievements in quarters to come, no doubt. This achievement tells us that the quality of a person’s life is in direct proportion to his/her commitment to excellence, whatever the chosen field may be. You are responsible for discovering and developing your own unique talents and abilities. You should never leave the development of your full potential to chance. Live in the precious present, with the precious past as a backdrop, and the precious future in view.

It gives me great pleasure to begin with the words of Swami Vivekananda, “We are responsible for what we are, and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now, has been the result of our own past actions, it certainly follows that whatever we wish to be in future can be produced by our present actions; so we have to know how to act.” The activities of this quarter prove that the staff and students of SSN are working hard to build the future of the institution.

The Department of CSE organized a six-day AICTE sponsored Staff Development Program on “Recent Trends in Machine Learning and Pattern Recognition” in the first week of July 2012; a two-day national level workshop on “Network Simulator 2 (NS2) - Hands-on Training” and a one-day workshop on “C Programming Principles and Data Structures” on 15 Sept 2012. CSI Student Chapter organized a workshop on “SCILAB Open Source Software for Numerical Computation” with TechPassion and EQUALIS as the knowledge partners on 18 August 2012.

The Department of IT organized a one-day hands-on training on “MIDLet Programming with J2ME” on 6 July 2012. The Department of IT and the Department of Computer Applications organized an FDP on “Introduction to TCAD and its Applications” on 17 and 18 August 2012.


The Department of ECE conducted a workshop on “DSP Integrated Circuits” on 17 August 2012; a two-day workshop on “Electronic System Design and Manufacturing” sponsored by the Ministry of Communication and Information Technology, New Delhi on 14 and 15 Sept 2012, and an Industry Oriented Short Term course on “Wireless Technologies” at HCL Technologies Ltd., Vadapalani on 28 & 29 Sept 2012.

The Department of Chemical Engineering conducted a national level conference on “Nanomaterials” sponsored by DRDO on 7 Sept 2012.

The Department of EEE conducted a two-day national level workshop on “Renewable Electrical Energy Systems” on 14 and 15 Sept 2012.

SSN College of Engineering successfully conducted a Refresher Training Programme for PG Teachers, in connection with VIDYIAL. 300 PG teachers from Government Schools of Tamil Nadu and Pondicherry participated on 27 & 28 July 2012.

SSN conducted the INSPIRE Science Camp sponsored by DST, where 160 students from different schools participated. Dr. N.P. Rajesh, AP/Physics was the convenor for this camp.

Let me take this space to congratulate our faculty, Dr. K. Elangovan, Asso.Prof. / Mech., Dr. M.S. Alphin, Asso.Prof. / Mech., Dr. R. Subashini, AP/BME, Dr. R. Ramaprabha, Asso. Prof. / EEE, on being recognized as Research Supervisors for guiding Ph.D. and M.S. (By Research) scholars of Anna University, Chennai.

The most exciting and gratifying events of this quarter were the symposia held by the departments. They added joy and colour to the campus with students actively doing the organizing part. The Departments of ECE, EEE, Chemical, BME, IT, CSE and Mechanical conducted National level student technical symposiums “ORBITCE 2012,” “EUPRAXIA 2012,” “CHEMICZNA 2012,” “SRISHTI 2012,” “CONVERITA 2012,” “PARADIGM 2K12,” and “CRANKX 2012” from 28 Aug to 3 Sept 2012.

Our college conducted SSN TROPHY - 2012, an All India Inter Collegiate Tournament for Tennis, Table Tennis, Chess, Badminton and Basketball for the 10th consecutive year. We had 84 institutions with over 1100 student participants this year. Ms. Rushmi Chakrarthy, Olympian and International Tennis Player declared the tournament open on 24 August 2012.

Teacher’s Day was celebrated with Mr. Erode Tamil Anban, Poet and Orator as the Chief Guest on 26 Sept 2012. Awards to the best teachers of each department and prizes for the cultural event winners were distributed during the occasion.

Let me quote the words of Swami Vivekananda once again, “Take up one idea. Make that idea your life – think of it, dream of it, and live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success.”
Orientation week for the First year B.E./B.Tech. students kick started with the career talk by Mr. J.P. Gandhi- a renowned career consultant on August 17, 2012. He impressed the audience with his up-to-date knowledge on career requirements and wit. At the end of the 3-hour interaction, he answered all the intricate questions raised by the budding engineers.

The second day saw a few more veterans taking the microphone to guide the young brains of SSN. The morning session had Mr. Raja Krishnamurthy (popularly known as Kitty), a consultant and well-known powerful motivational speaker, to address the gathering of enthusiastic minds.

Mr. Pradeep Chakravarthy, a consultant to Infosys in the Leadership Academy handled a 90-minute session for the students.

The audience was enthralled by the afternoon session handled by the popular Tamil Orator, Prof Ramachandran, from Madurai. He touched upon the various phases of student-life, right from school to college. He took the audience by storm by sharing funny instances of his own student life. He advised the students that ‘Attendance is important but Attentiveness is more important’.

The Orientation week also had a bridge course for almost a week to fill the gap between a HSC and CBSE student, a rural and urban student, a computer science and biology group student, and a Tamil medium and English medium student.

**THE IDES OF MARCH**

A time when the world was in God’s hands!
The time when Rome had Caesar reigning high
First the northern part, then the eastern sure
For Caesar was thrilled over his mighty feat.

Many of his royals assisted him, no doubt
But Caesar had no idea of the awaiting grim.
Decius Brutus and Publius Cimber and the rest
Were there to figure out great Caesar’s future.

The very same night hath Calpurnia dream,
But could make out neither head nor tail of it.
A lioness did weep and live blood did spill,
Yet the effect on Lord Caesar was damn nil.

Eminent Caesar was to be crowned the king
His destiny though belonged to just one thought.
Before dashing forth to the famous senate hall
Anxious Calpurnia said, “I fear you’ll be dead!”

Cowards face death many times before they die
But the brave have only one moment to sigh.
“You are engulfed by arrogance,” she said,
For it is thus I fear that you’ll meet your end.

With confidence, the chariot Caesar did mount,
A grey beard sounded a warning note to Caesar.
“I condemn what you say,” he said, “Filthy rebel! Who dares to speak to me, I sentence to hell.”

The grey beard replied, “Beware Mighty Caesar,
Believe me, dire corollary awaits you Sir!
Beware, or your glory may be lost forever. Sir”
“Let us go forth! Dear Caesar,” Brutus added.

Caesar’s mind changed all of a sudden, and off
He set forth, saying to the greybeard: “You utter
Wrong words, I care a damn for what you say.
I will ascend the pulpit and reign for many years.”

Caesar could not read the minds of the filthy
Who stood close to him surrounding him.
Decius and other conspirators rose and said;
“Release Cimber please, or you will be dead.”

“Never! I am constant as the Northern star
Publius Cimber is trouble for many but one.
He’s exiled forever; cannot be called back;
Those who oppose would face my knife.”

“So it shall be oh Caesar,” Brutus thought
“If you wish to step into the pyre, hot.”
As fate would have it – North and South,
East and West, Caesar was stabbed to rest!

S. Amrutha, IV B.Tech. (Chemical) and R. Ganesh Karthick,
III B.Tech. (Chemical) secured the first position in the paper presentation event (Biosciences of Engineering) in graVITas 2012, an international knowledge carnival held at VIT University, Vellore, on 14 Sept 2012. Title of the paper is “Synthesis of silver nano particles from neem leaves”.

Sharan Srinivasan
IV B.E. (Mech.)

“Character - the willingness to accept responsibility for one’s own life is the source from which self-respect springs.”

Joan Didion
RESEARCH PUBLICATIONS IN JOURNALS


PROJECTS SANCTIONED

1. Project title : Investigations on various doped ZnO films as front contact TCO in flexible amorphous silicon solar cells
   Principal Investigator : Dr. Balaji Bhargav
   Co-Principal Investigator : Mr. Nafis Ahmed
   Funding Agency : UGC-DAE:CSR
   Budget : Rs.10.00 lakh, Duration : 3 years

2. Project title: Crystal growth of alkaline earth halide and cesium based alkaline earth halide scintillation crystals for gamma ray spectroscopy
   Principal Investigator : Dr. P. Ramasamy
   Co-Principal Investigator : Dr. G. Ananda Babu
   Funding Agency : DAE-BRNS
   Budget : Rs. 24.82 lakh, Duration : 3 years

3. Project title: Development of High Quality Direction Controlled Lithium Iodate and Lithium Sulphate Single Crystals for Nonlinear Optical applications
   Principal Investigator : Dr. P. Rajesh
   Co-Principal Investigator : Dr. P. Ramasamy
   Funding Agency : DAE-BRNS
   Budget : Rs. 23.03 lakh, Duration : 3 years

Prof. P. Ramasamy, Dean (Research) visited the Crystal Growth Laboratory of Suranaree University of Technology, Thailand from 25th August to 1st September 2012 for collaborative research.

EUPRAXIA 2012

Association of Electrical and Electronics Engineering(AEEE) was inaugurated by Dr. Rajesh Katyal, Scientist and Unit Chief, R&D, C-WET, Chennai, on 24th July, 2012. In his inaugural address, he talked about the energy scenario in India and the research opportunities available in the field of renewable energy, especially wind energy. A workshop on “Arduino microcontrollers” was also conducted with 250 participants.

Electrical and Electronics Engineering National level Symposium Eupraxia 2012 was inaugurated by the Chief Guest, Dr. P. Iyamperumal-Executive Director, B.M. Birla Planetarium, Chennai on 28th August, 2012. Dr. S. Salivahanan, Principal, SSNCE delivered the presidential address. Dr. V. Kamaraj, LOD/EEE presented the report on the achievements of the department. Dr. P. Iyamperumal stressed the need for R&D for the development of India as well as the world at large. He also offered to sponsor R&D student projects of SSN. The Chief Guest released the first copy of “Cynosure-2012” the symposium magazine, and 1000 copies were distributed to participants. The Student President of AEEE, Vijayakumar. K presented the report on Eupraxia 2012. Mr. N. Pandiarajan, staff coordinator welcomed the gathering.

Totally 15 events were conducted: “Paper Presentation, Project Display, Robotics, Circuit Design, Microchip Programming, C Programming, Bridge Balancing, Technical Quiz, Technical Treasure Hunt, Management Potpourri, ADZAP, DumbC, Quagmire, Online Science Fiction Writing, Online quiz. On 28 August 2012, about 2500 students from 120 engineering colleges actively participated in Eupraxia 2012. Prizes worth of Rs 60,000 were distributed to the winners and runners-up of the events.

In addition, the following workshops were conducted:
(i) PCB workshop – attended by 400 participants.
(ii) Android workshop - attended by 500 participants.
(iii) Arduino workshop - attended by 600 participants

“At the center of our being is a point of nothingness which is untouched by illusion, a point of pure truth, a point or spark which belongs entirely to God, which is never at our disposal, from which God disposes of our life, which is inaccessible to the fantasies of our own mind or the brutalities of our own will. This little point of nothingness and of absolute poverty is the pure glory of God in us”.

Thomas Merton (1915 - 1968)

“We can arrive at a point of view where the preservation of the individual activities is no longer inconsistent with our comprehension of the cosmic consciousness or our attainment to the transcendent and supracosmic”.

“The language of the Veda itself is sruti, a rhythm not of our comprehension or our attainment to the transcendent and supracosmic”.

Sri Aurobindo
**ORBITECE 2K12**

Orbitce2K12, a National Level Student’s Technical Symposium, was conducted by the Association of Electronics and Communication Engineers on 25 August 2012.

Mr. G. Jayendran, Embedded Product Design, TATA ELXSI, Chennai inaugurated the Symposium. He gave an overview of “Green Computing” and released the official souvenir, “RESONANCE”. Mr. M. Ganeshan, President, ACEE presented a report on the Orbitce 2K12. Dr. S. Salivahanan, Principal welcomed the gathering.

During the Symposium, events such as Paper Presentation, Project display, Robotics, Programming Contest, Orbitce Idol, Circuitrix, M-Guru, Mathomania, Freeze Quiz, Be a Prof, Crack2Talk, Mock Placement, Treasure Hunt and Gaming events were organized.

Workshops on Microsoft Windows Phone Apps Development (by Mr. Raghunanthan, Erode) and Embedded Systems Product Development (by Insane Labs) were organized for the benefit of students.

The Certificates and cash prizes were distributed to the winners during the valedictory function by the Head of the Department, Dr. S. Radha and other Professors of the Dept. of ECE., Dr. R. Amutha, Dr. P. Vijayalakshmi, and Dr. Premanand Chandramani.

About 1600 students from various engineering colleges in and around Chennai participated in the event.

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**PARADIGM 2K12**

August 31 dawned like any other day but for the Association of Computer Engineers (ACE), Paradigm 2k12, the national level technical symposium organized by ACE, was held on 31 August 2012.

The day began with the grand inaugural function. It started with an auspicious note, with the prayer and lighting of the lamp by our Principal Dr. Salivahanan, HOD Dr. Chitra Babu and the Chief Guest Ms. Jayashree Sreedharan, Senior Manager at Cognizant and Anguraj M., the President of ACE. Ms. Jayashree gave an illuminating talk on the jobs of the future with a video presentation. The departmental magazine, Exemplar, was released.

Each event had a similar pattern for its procedure: Registrations, followed by a preliminary round and then the final round. The teams consisted of 3 members.

Exceptions to this pattern were the Pentathlon event and the paper presentation event, Paper Pioneers.

- The Pentathlon event was announced as a mega-event. It was a debut event. The final prize was a Rs. 30,000 worth internship at Square Soft technologies.
- The Paper Pioneers, The dumb-charades event, Mut’enact, The hard-core programming and debugging round, Code County, SeQuel was the database design event, The web design event, WebZeal and Googly, the reverse image search event, were conducted.

During the valedictory function, the prizes were distributed by Dr. Chitra Babu, HOD/CSE. With an over-whelming participation of over 4000 students, Paradigm 2K12 was a day to remember, both for the participants and the organizers.

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**CHEMICZNA 2K12**

Every year, the ACE conducts successful national-level symposiums in the name Chemiczna. This year, the sixth version of our symposium “Chemiczna 2K12” was conducted on the 27th of August 2012 and inaugurated by Mr. S. Ilanahali, Managing Director, CETEX Perochemical Ltd. He delivered the key-note lecture, and released the souvenir containing the abstracts of the selected papers & posters along with other department specifics.

The events like Paper presentation, Poster Presentation, Technical Quiz, Working Model, What Went Wrong, Industrial Defined Problems and MATLAB Workshop were conducted.

This year we received a total of about 1000 participants. For paper and poster presentation alone we received about 750 abstracts out of which the best 80 were selected. About 300 participants had enrolled for the Matlab workshop, which was conducted by Dr. M. Subramanian Associate Professor/Chemical.

All the events were conducted in the presence of judges from various disciplines.

The symposium ended with the valedictory function. The Chief Guest Shri Vaithiyathanth, Senior General Manager ITCOT, Chennai, delivered the valedictory address, released the newsletter – SPARK and distributed the certificates and prizes.

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**CONVERITA 2K12**

The Association of Information Technologists was formally inaugurated for this year on 6 August, 2012 by Mr. Senthil Ayyappan – Associate Director, Cognizant Testing Services. He addressed the technologists and briefed them on the tips for preparing themselves to face the current trends in industry.

One day Android Hackathon – an Android Application development Program was conducted by Vividha (Intra department club of AIT) as a pre-runner to Converita (IT Department Technical Symposium) on 20 August 2012. Mr. Prasannan N - Android Developer/Trainer/Consultant and Mr. Isaac Wesley - Freelancer at Animator, mentored the selected student participants from various colleges on the application development. At the end, the participants presented their work to the mentors, Mr Dorai Thodla, Founder of iMorph, Inc., The team suggested further refinement of the application. They were given a week’s time to refine it. The application developed by III B.Tech. (IT) students. Anand Kanagaraj and Arjun G, was selected as the best and they were felicitated on the day of Converita.

On 30 August 2012, Converita, the technical symposium was inaugurated at Main Auditorium by Ms. Sadhana Somasekhar Jr. Managing Director, Future Focus Infotech. She delivered a key note address on the pathways to achieve the goals of an individual in an admirable way. 3500 participants from various colleges swarmed the place that day.

The following events were conducted: Paper presentation, Debugging, Online Programming Contest, Online Quiz, Querry Master, Tech Mixture, Quiz, Web craft and Web Designing. A workshop was also conducted on “Game Development” for which there were more than 350 participants. St. Joseph College of Engineering was adjudged as the “Best College”.

“Any intelligent fool can make things bigger, more complex, and more violent. It takes a touch of genius - and a lot of courage - to move in the opposite direction.”

E. F. Schumacker
PHOTO GALLERY

CRANKX 2012

Ms. Rushmi Charkravarthy at the opening ceremony of SSN TROPHY 2012

A still from SSN TROPHY 2012

Mr. Mohana Krishnan (III B.E. / EEE) receives the Best Player Award for Badminton at SSN TROPHY 2012

The 25 Scholarship holders of Rural Govt. School Toppers Category 2012-2013

The Inauguration of the INSPIRE Science Camp
Nothing was new, it was always the same. Meetings, presentations that defined him “Rithwik Shah”. His designation was “MANAGING DIRECTOR”. He then turned prismatic one. He slowly took it in his hand and with a faint smile made out of wood was his name plate. A triangular grey hands and roman numerals in silver. He then looked at his left hand cuff and stared at the watch he wore. A watch that he kept in the inner pocket of his blazer. The elevator gave a beep, he managed to slip his hand and take his phone from the key bunch. Locked the door and walked to the next stretch of the beach. Sat alone, staring at the endless blue sea and his thoughts. Those cylindrical rocks that bordered the entire destination. Again he pulled over his car and this time he walked into his WADA PAV, he could see two hazy figures walking with a broad smile greeting everyone in his office and adding a unique encouraging the student community at large.

As he looked at the faded photograph placed on the tea stand in his large living room, tears rolled down his cheeks. Was it my fault? Was it something I said or did that you went away? He asked himself, not just today but every other day for the past 3 years.

The gong went in the 9th time. He wiped his tears and began to head towards the huge oak door. He grabbed a key from the key bunch. Locked the door and walked to the silver sedan that was twinkling in the rays of the sun. It was a dream car. He smiled as he got into the driver’s seat. The engine woke up to the dance of the key. Out of the lonely road into the busy streets of Mumbai, the sedan became another prey to the traffic like any other car. He arrived at his office. As he walked from his car to the lift across the basement lit by the sun rays, he managed to slip his hand and take his phone from the inner pocket of his blazer. The elevator gave a beep telling him that his floor arrived. He walked like every other day for the past 3 years.

The event profile was one of the great positives of CrankX 2012. Six events – Paper Presentation, Treasure Hunt, Technical Quiz, Glider, Bottle Rocketry, Nissan SSN Grand Prix - were retained from the previous edition. Three new events - Truss masters, Online Photography and surprise events - were added to make it better and bigger this time. With a complete flavour of technical and creative essence, it is hoped that CRANKX 2012 shall stand unique encouraging the student community at large.

Just then, his secretary walked in and read out his schedule. Time flies, especially when someone is lost in the world of admiration. As he grew older, he realized the importance of time. He hit the shut down on his laptop, stood up, took his blazer on and walked out of his cabin. He was the last person to whom the very weak, old security serving the company bowed. He walked alone out of the elevator at the basement. Got into his chariot, the engines roared and he was on his way back.

It was almost sunset as he reached one end of the QUEEN’S NECKLACE. Horns and potholes welcomed him. He drove ahead and pulled over. Stepped out of his car, locked it and sat where he used to since all the way back till his memory could go back, on the stones... those cylindrical rocks that bordered the entire stretch of the beach. Sat alone, staring at the endless blue Arabian Sea. He reluctantly walked from the stone that was DHRUV RASTOGI’s favourite.

The Principal Dr. S. Salivahanan gave an introductory talk about SSN Institutions. Dr. E. Ravindra Mohan gave an excellent presentation briefing us on the theme VISION and the basic concepts of Ophthalmology, Oculoplasty and Orbital Surgery. The function was presided over by the Chief Guest Dr. E. Ravindra Mohan, Senior Consultant, Ophthalmology, Oculoplasty & Orbital Surgery, Global Hospitals & Health City, Chennai and the Guest of Honour, Mr. C. Govindakrishnan, Founder, Nethrodaya. The Principal Dr. S. Salivahanan gave an introductory talk about SSN Institutions. Dr. E. Ravindra Mohan gave an excellent presentation briefing us on the theme VISION and the basic concepts of Ophthalmology, Oculoplasty and Orbital Surgery.

Mr. C. Govindakrishnan gave a social talk on the challenges faced by the visually-challenged people in our day-to-day life and our role to support them. He also enlightened us on his organization ‘Nethrodaya’ and its activities. The talk ended with the release of the Department Magazine ‘Samhita’.

Technical and Non-technical events like Paper Presentation, Poster Presentation, Quiz and Matlab Coding, Gaming etc., were conducted for which about 750 students from various colleges in and around Tamlilnadu participated with interest. Finally, during the valedictory function Dr. A. Kavitha, HOD of the Dept. presented the certificates and the shield alongwith the cash prize to the winners of all events. The vote of thanks was proposed by the Vice-President of the Association R. C. Tharani.

CRANKX 2012, a National Level Technical Symposium organized by the Association of Mechanical Engineers, on 1 September 2012, was the third edition of the popular event at SSNCE campus. CRANKX was the result of the hard work of Mechanical students, with able support and encouragement from the Management, Principal and faculty. The objective of the symposium was to bring together the ideas and exhibit the talents of smart technical minds of budding engineers.

The Symposium was well received by the students of other Engineering colleges. The response to CRANKX was overwhelming with paper submissions exceeding 500 even before the closing date of submission of full manuscripts. CRANKX deserved a special applause for having received more than 2000 participants from many States of our country. Crankx hosted a plethora of technical events aimed to exhibit the innate talents of tomorrow’s workforce. An awesome exposition of the power of flight with a breathtaking Airshow during the inauguration by Mr. S. Suresh Kumar set a perfect runway for CRANKX to take off to higher altitudes with flying colours.

The Association of Biomedical Engineers conducted their National Level Technical Symposium SRIHHTI 2K12 on August 29, 2012. The function was presided over by the Chief Guest Dr. E. Ravindra Mohan, Senior Consultant, Ophthalmology, Oculoplasty & Orbital Surgery, Global Hospitals & Health City, Chennai and the Guest of Honour, Mr. C. Govindakrishnan, Founder, Nethrodaya. The Principal Dr. S. Salivahanan gave an introductory talk about SSN Institutions. Dr. E. Ravindra Mohan gave an excellent presentation briefing us on the theme VISION and the basic concepts of Ophthalmology, Oculoplasty and Orbital Surgery.

It was almost sunset as he reached one end of the QUEEN’S NECKLACE. Horns and potholes welcomed him. He drove ahead and pulled over. Stepped out of his car, locked it and sat where he used to since all the way back till his memory could go back, on the stones... those cylindrical rocks that bordered the entire stretch of the beach. Sat alone, staring at the endless blue Arabian Sea. He reluctantly walked from the stone that was DHRUV RASTOGI’s favourite.

Time flies, especially when someone is lost in the world of admiration...so it did...every other day since he was six years old. For the last 3 years he has been sitting here alone. He then walked up to his car, and drove till Juhu beach. His next favourite destination. Again he pulled over his car and this time he walked into his WADA PAV stall. He bought himself his favourite snack. And relishing the maharastrian delicacy he walked on the stones...
to each other in a very short period of time. DHRUV and RITHWIK went to the same school, shared the same interests. Years passed, city changed, people changed but if one thing did not change it was their friendship. They walked with WADA PAV in their hands every evening after college, spoke about everything in this world from girls, country, environment, movies, matches, politics, corruption and you name anything it was there in their discussion.

It was like every other day, yet today was little different, long walk along the beach and RITHWIK was stunned at the strange question that DHRUV bombarded him with “DO YOU FEEL HAPPY WHEN YOU SPEND TIME WITH ME?” RITHWIK gave a wild stare, DHRUV smiled. He laughed and laughed seeing RITHWIK’s shell shocked expression. His stomach ache really hard. He said “DUDE... his signature way of addressing when he cracks a joke. He said, “I am asking a question as if I am your girlfriend and you stare back at me as if I cheated on you.” Though it took a few seconds for RITHWIK to understand the logic and the prank, RITHWIK was so embarrassed that he could feel his jaw drop in the shock. DHRUV paused all of a sudden. He stared at RITHWIK and RITHWIK returned the same look. They both burst out laughing altogether. Making sure RITHWIK did not notice DHRUV’s hands went into his back pack, his hand tightly held something with great care, it was perfectly gift wrapped. DHRUV stuffed it into RITHWIK’s hand. He said “this is a day I eagerly wait every year, your birthday. Wish you many many more HAPPY RETURNS OF THE DUDE”. RITHWIK was taken aback; it was something different not how DHRUV would do. A gift in advance was not so unacceptable. RITHWIK felt as if he was with a stranger. A person you believe as all the time since you were able recognise things being so different and your prediction going wrong never made sense. But it really never mattered, DHRUV’s gift, was timeless. He quickly unwrapped it, it was a wrap of the time since the day it all began till the last birthday...a photo collage. A memory collection of all the pictures of RITHWIK, starting from his first birthday, first in Mumbai till the picture that RITHWIK posed for last month during their midnight walk. DHRUV put his hand around RITHWIK’s shoulder, RITHWIK felt as if he was on top of the world and had no fear as the person who stood beside him was the one he could trust with eyes closed. DHRUV said “DUDE, am saying all these nice things because you know I am nefarious. I need a treat.” RITHWIK punched him in his stomach, and said you completed enjoying the treat and his eye balls rolled down and sarcastically looked at the empty WADA PAV PLATE. RITHWIK ran, and DHRUV caught up and now the by-standees were witnessing a wrestling match. Finally they two mutually called it off. RITHWIK dropped DHRUV at his place, the large mansion; they bought post DHRUV’s dad’s promotion, about four years back. DHRUV was alone in that huge mansion. DHRUV said a week ago that his parents went out of station. RITHWIK insisted a lot asking him to stay back in his place overnight, but DHRUV was stubborn. He said he did not mind staying solitary in the huge mansion. RITHWIK woke up next morning, and he saw speckles floating space on the path enlightened by the sun’s rays that landed softly on his cheek. His mom walked into his room and wished him. He got ready in a jiffy... carefully took out the photo collage that DHRUV gave him and placed it on the large tea stand. A chunk of the memories that defined RITHWIK SHAH he said to himself, pride in his thoughts and smile on his lips.

He rushed out of the door and looked at his watch and told to himself that he must make it on time to DHRUV’s place. As he turned at the street corner into the busy road that lead to DHRUV’s home, his eyes searched eagerly and kept staring at the door to see that one person who meant the world to him. He continued searching for that one person, but there were no signs. He walked to the door and the bell screamed at that top of its voice unable to bear the force of the index finger. His ears were trying to be precise to make sure they could hear movement of the person from inside the house. His eyes looked at something and he never realised what was happening. His eyes stared at the lock, his hands moved towards the lock. His fingers were trembling as he clutched the lock. He was feeling the entire world of his was locked behind the door. He thought of DHRUV’s new way of wishing him. So he pulled out his phone from the right pocket of his pant and pressed the speed dial 2. It read dialling DHRUV. There was no response. He called, called and called. Was it a joke? Enough of it DHRUV come back he thought. His legs never let him place his foot on the way back to his home. He did not walk, he was dragged by his parents who frantically called him about 19 times, still not even half way near the number of time the number 2 button lost its life in RITHWIK’s phone. May be DHRUV is busy?? But Busy?? He thought... his inner voice spoke busy so much so as to not attend your calls RITHWIK? There was this war of conflicting thoughts as he waited outside DHRUV’s home. His parents managed to take him home.

The hazy figures were lost in the sands of time. RITHWIK never remembered how he survived the aftermath of this shock. Something’s were there that RITHWIK got in memory of DHRUV. His car was never his favourite, it was DHRUV’s dream car, his watch that ticked every moment of life bringing the uncertain future, and horrific past together was what DHRUV tirelessly admired every day as they walked down the road to the beach on the showroom roadside. More than that, his parents were glad that their son was alive after such a JOLT. He could do nothing else but re live each and every moment he spent that he defined as life by doing everything the same way. He searched for the answers to the same questions that he asked every day after that day every morning and moment in day when he could possibly question himself.

SOME QUESTIONS IN LIFE DO NOT HAVE AN ANSWER, SOME MUST BE LEFT UNANSWERED, SOME MUST RATHER NOT BE ASKED, SOME HAVE ANSWERS WITHIN THEMSELVES, SOME QUESTIONS ARE WORTH ASKING FOR THE ANSWER ATLEAST, BUT THOSE QUESTIONS REMAIN AN UNSOLVED MYSTERY, JUST LIKE THE MANY QUESTIONS THAT RITHWIK HAD.

Pratyusha.J
II B.E.(ECE)

Congratulations !

- Asian junior gold medalist Ms. Anaka Alankamony, II B.E. (CSE), claimed her second title and the first one abroad in the women’s professional squash tour when she stunned top seed Kylie Lindsay of New Zealand in the final of the Ipswich WSA Open Squash tournament in Queensland during 21.10.12 to 28.10.12.
- Ms. Susmitha, I B.E. (ECE), secured four gold medals and three silver medals in the Anna University Inter Zone Swimming Competition held at Madurai on 11 Sept 2012 and our college received the overall runners- up championship.
- Mr. N. Shankar, IV B.E. (ECE) secured the gold medal in the shot put event in the Chief Minister Trophy organized by Sports Development Authority in Tamilnadu.

Vibrations available online at www.ssn.edu.in/vibrations.html
He was rich beyond our imagination and famous. He was a celebrity and was always surrounded by media limelight. Being America’s richest entrepreneur and a close acquaintance of the President himself, Steve Robinson had little to worry about except for a distressing thought that, in spite of all the opulence around him, he may not be able to see his two children who he loved dearly before he died. Robinson was counting his days as he was eighty six now and was a chronic heart patient. He had always been a loving father but they had never understood his affection for them. Since their mother had died when they were very young, he had to hire a nurse named Rosemary. Her story had been a sad one and she had had none to care for her. This had made Robinson grow close to her and shower brotherly love. Unfortunately, he could never make them understand that and disgusted, they had left him as soon as they could stand on their own feet. Unaware of their whereabouts now, he only knew that his son was a lawyer and his daughter was a fashion designer. He had tried hard to communicate with them but in vain as they had always spurned his advances. This night, as he lay in his bed alone, a sharp pain began in the left of his chest which increased in intensity by the second. Yes, the time had come. He knew this as well as his name when his heart went into cardiac arrest and his life was slowly sucked out of its mortal shell that night. His fear had come true at last. But thankfully, it was almost instantaneous and lasted for a mere couple of minutes and his struggle was minimal. Soon, everything was silent and settled and his body had become as motionless as the dead, leafless trees which stood outside the window that wintry night.

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It was nine on Sunday morning when the bedside phone rang in Harry’s room. He was a lawyer in Chicago and was about to wrap up his first successful case in almost eons. Rubbing the sleep out of his eyes, he grudgingly picked up the receiver only to have the shock of his life as his father, the great Steve Robinson, had died at midnight last. Harry was the second child, the only son of Steve Robinson and he had almost forgotten this. The Robinson family lawyer, Mr. Williams was the caller and he requested Harry’s presence at the funeral that evening and for the reading of the will the next day. Further, he didn’t forget to mention that Harry was to inherit $10 billion at which Harry went wild eyed in bewilderment. 10 billion dollars! Incredible!

Exactly ten minutes later, a cell phone rang in Paris, one of the fashion capitals of the world. It was picked up by a pretty woman in her early 40s. She was Sarah Robinson, the elder child of the late world renowned entrepreneur, Steve Robinson. She was now almost a millionaire herself and was currently amidst preparations for the fashion show that evening when she received the same news that her brother received. And she was flabbergasted. $10 billion was incredibly more than she could hope for to expand her fashion empire all over the world!

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Within an hour’s time both Harry and Sarah were aboard their planes bound for New York. All along the way Harry contemplated about the things he could do with this exorbitantly high amount like buying a mansion of gothic proportions as he no longer had to live in the miserable, dirty little tenement that he was in now. Hell, he did not even have enough money to spend on an air ticket! But, no longer! Same was the case with Sarah. Her main agenda was to defeat Michelle, her arch rival and become her envy, among other things. After all, Robinson’s children were more concerned about their inheritance than their father’s demise. But they didn’t know that their inheritance was going to be very different.

When they reached the Robinson mansion they were warmly received by the butler John Hawkins, who had served the Robinsons loyally for decades, the head cook, Fitzgerald, the gardener, Michael and his wife, Elizabeth and the head Security in charge, Ralph. Good old Hawkins’ eyes were bloodshot and as he had been crying all day. It was hard to believe that Harry and Sarah were brother and sister as the distance between them was apparent from the negligible conversation between them, which was in the most general terms. Soon, dressed in black, the duo accompanied the funeral procession to the local graveyard. And throughout the service, both sat rigid, stony faced, expressionless as poor Hawkins broke down repeatedly. Soon, the body of the phenomenon called Steve Robinson in its coffin was lowered into its final resting place and sealed.

Much later, well past midnight, when a heavy silence prevailed in the mansion, two hushed voices could be heard from the main kitchen, both male. The older man among the two said, “The time has come, Peter. We must delay no longer and strike now as we mustn’t waste this opportunity.” The other man named Peter said, “Of course, I know that well and tonight I’ll finish off the younger one. Tomorrow, I will have what I have wanted so badly for thirty long years.” “The older man replied,” You shall have it, my son. Good luck!” Now, Steve Robinson had one major mortal enemy in this world. Years ago he had been the cause of arrest of a poor twelve year old boy, James who had committed a petty theft in his mansion. Since the boy had been so weak mentally, he could not bear the trauma of being in jail and so he died. Soon, his mother, unable to bear the grief, also ended her life. Now, James was Peter’s brother and since that day, Peter and his father had vowed that they would destroy each and every remaining member of the Robinson family. But one may ask, why they didn’t finish off Robinson earlier, allowing him to die naturally. Now, that was because, they took much pleasure in seeing him suffer in his heart at being separated from his dear children and they wanted to enjoy this sight for as long as possible. Thus, they let nature become their accomplice and finish their job for them.

It was already half past midnight and Harry was not sleepy. How could he be? He was about to become a billionaire overnight and was naturally brimming with excitement and thrill. He despised the night for delaying the golden moment. Just as he was planning to retire for the day (anyway, he had to kill the time), he heard a knock at the door of his enormous bedroom. “Must be old Hawkins”, he said to himself, as he opened the door and in a second, he could see crimson fluid, which was actually his blood, flowing out of his abdomen following the dagger that had stabbed him thrice and now had...
been withdrawn for the last time. Before he could have a glimpse of his attacker, there was a hard blow to his head from something that looked like a club and he could see more crimson. The next second, everything went black, and he fell into oblivion. As Harry fell down, slowly dying, Peter stood over him and leered with a monstrous grin on his face, knife and club in hand. Mission accomplished. His father would take it from here.

Early next morning, Sarah was woken up by old John Hawkins himself. He was weeping uncontrollably and was pouring out his emotions with so much force that it seemed too good to be genuine to her. To her it even looked as if he was overreacting. She said, “It’s okay, Dear John. I can understand your pain and grief. We, Harry and I, very well know your loyalty and how you’ve always been a well wisher of this family. But, what has to happen will happen and cannot be prevented. All pain and distress will get wiped out with the passage of time. Believe me.” Hawkins replied, “Dear miss, you won’t be consoling me now if you come to know what a terrible thing happened last night.” She could not understand and so she asked him, “What do you mean, John?” Hawkins said, “Miss, I wish you didn’t have to hear this. The young master is also dead and it is a double loss for the Robinson family now. He was, he was, was murdered last night.” Speechless and stunned, Sarah refused to believe what she had heard just then. Who could have breached the tight security and enter the mansion, to kill? Sarah directly made her way to the head Security in charge?

Five minutes had been time enough for Hawkins to poison Sarah’s food. Yes, John Hawkins was the father of poor, unlucky James Hawkins. He was the very man who had lost his wife and son owing to the great Steve. He had been watching all this distance and one could see the devilish glee on his face when Hawkins had begun his duties as a butler that day for the first time, Robinson and had plotted the murder of Harry the night before with his son Peter. When Hawkins had had little suspicion that he would one day become the destroyer of the family. Well, finally both Sarah and Harry had had their inheritance from their father. And about John Hawkins’ son Peter, doesn’t he look like Ralph, the Head Security in charge?

B. Nikhil Bhardwaj
II B.E. (ECE)

INSPIRE SCIENCE CAMP

SSNCE has successfully conducted second INSPIRE Internship programme for five days from 30th July to 3rd August 2012, sponsored by the Department of Science and Technology (DST). 160 students from Chennai, Kanchipuram and Thiruvallur districts were selected based on their SSLC marks. 20 Academicians and Scientists from various academic institutions and organisations interacted with the students and inspired them to choose their career in Science.
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