October 2011

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”From the President’s Desk…”

If well begun is half done, we need to take pride in the fact that AICTE has approved afresh Civil Engineering and two ME programmes besides an increase in the intake in Mechanical and Chemical Engineering. More than fifteen papers have been published in national and international scientific journals. The First Quarter has seen several Award-winning papers presented in conferences. Congratulations to Dr Seyezhai, ASP EEE, for steering them all through. We have signed an MOU with IEEE for the conduct of an International conference jointly with the Department of CSE. The Department of BME is engaged in Research with Chettinad Super Speciality Hospital to increase our research acumen. All these indicate the expertise our faculty have acquired over a period of time. The conduct of the annual students’ seminars by every department was very well-appreciated. On the Sports front, our students Anaka (Lyr CSE), Gunasundari (II yr CSE), Irfan Hussain & Viswajeeth (II yr Mech), Suneri and Shanker (III yr ECE) have brought laurels to our college by excelling in games like Squash, Shot Put, Tennis, Badminton and Hammer Throw. Our Table Tennis teams, both men and women, as well as our College Cricket teams have performed commendably. We are indeed grateful to our faculty and students for the success they brought to the college, but we cannot rest assured of future success, for the academic journey ahead is highly competitive. Therefore in order to be productive, we need to continue to work hard to maintain the already achieved status and to attain future success by excelling our own standards. Wish each of you all the best in your endeavours.

”From the Principal’s Desk…”

As I report the details of the JAS 2011 quarterly, Mario Andretti’s words come to my mind: “Desire is the key to motivation, but its determination and commitment to an unrelenting pursuit of your goal - a commitment to excellence - that will enable you to attain the success you seek.” I have learned a deep respect for one of Goethe’s couplets: ‘Whatever you can do, or dream you can, begin it!’ Boldness has genius, magic, and power in it.” As George Elliot ascertains “It’s never too late to be who you might have been.”

I am delighted to inform you that AICTE gave approval for B.E. degree Programme in Civil Engineering, M.E. degree programmes in VLSI Design and Software Engineering and for an increase in intake from 60 to 120 for B.E. Mechanical Engineering and from 30 to 60 for B. Tech Chemical Engineering.

An orientation programme was conducted for the first-year B.E./B.Tech. students during which Mr. John K John, General Manager, Quality & Talent Transformation & Intrapreneurship Development, HCL Technologies Limited, delivered a lecture on “Significance Matters” and Cognizant conducted a workshop “EVOLVE,” as part of the MoU for Industry Academy partnership.

The Departments of ECE, EEE, Chemical, BME, IT, CSE, and Mech conducted national level student technical symposiums “Orbitce 2K11,” “EUPRAXIA 2011,” “CHEMICZNA 2011,” “SRISHTI,” “Converita 2011,” and “Paradigm 11,” and “CRANKXX 2011” respectively during the third week of August (22nd to 30th August 2011).

The Teachers’ Day was celebrated, with Mr. T. Udhayachandran, IAS, Secretary, Tamilnadu Public Service Commission as the Chief Guest. The Best Faculty award instituted by Cognizant Technologies Solutions was presented to Dr. Rajini, Prof./EEE.

Under the auspices of ISTE Chapter, a lecture, “Teaching and Research Mind,” was held on 16 July 2011. The IEEE Student Branch of SSNCE organized the IEEE Elicit Programme on 6 Aug 2011.

Our College organized the SSN TROPHY-2011 an All India Inter Collegiate Tournament, for Table Tennis, Tennis, Chess, Badminton and Basketball. Mr. Sharath Kamal, the Olympian Table tennis Player, inaugurated the Tournament on 16 Aug 2011.

For the welfare of the teaching and non-teaching staff of SSN, a Health Awareness and Preliminary Screening Camp was organized at SSN in association with Chettinad Super Speciality Hospital (CSSH), Kelambakkam, on 8 August 2011. The event was inaugurated by Mr. Venkata Phani Dhar, the CEO of CSSH and an MoU was signed between SSN and CSSH regarding the organization of similar camps in future and medical treatment to be offered to the staff and students of SSN at CSSH. The camp included guest lectures by eminent doctors on various subjects related to health awareness for the teaching and non-teaching staff of SSN. Free medical screening and consultation by medical doctors took place during this event. The screening included blood sugar level test, ECG and Echo cardiography. A separate clinic on pain management and women’s health was also arranged.

NSS Unit observed “Quit India Day” on 9th Aug. 2011. Dr. B.K. Krishnan Rajyanavarayar, Chairman, Bharathiya Vidhya Bhavan, Coimbatore, delivered a talk on “Freedom is not Free”. The NSS Unit & YRC Unit of our College jointly organized a Blood Donation Camp in association with Government General Hospital, Chennai in which 210 units of Blood were donated.

I would like to end my report with Henry Ford’s quote on teamwork: “You will find men who want to be carried on the shoulders of others, who think that the world owes them a living. They don’t seem to see that we must all lift together and pull together.” Let’s lift and pull together SSN to even greater heights.
**FIRST YEAR ORIENTATION**

The 16th orientation programme for the first years took place on a very grand scale in the main auditorium for three days. The success of SSN was marked in its two-slot program on the very first day, where the students were divided into two batches along with their parents. This year the students were allowed to choose a new department, the Department of Civil Engineering.

The programme progressed offering salutations to the Almighty. The Principal, Dr. S. Salivahanan extended a very warm welcome to all the students and the parents and explained to them about the college and its working. The President, Mrs. Kala Vijayakumar was enthusiastic to welcome the students into the SSN family. She was overwhelmed talking about the birth and the SSN path to success. She also shared her personal experiences and was proud to talk about the founder, Dr. Shiv Nadar.

Following Mrs. Kala Vijayakumar, Mr. B. Srinivasan-Director of School of Management and Computer Applications introduced the Heads of the Departments. Dr. Albal, Director-SASE explained to the eager audience the benefits and platforms of the intranet and how the students and faculty have been making full use of e-learning initiatives. This was reflected in the feedback given by two senior students who were then called upon to share their experiences. They also spoke about how SSN and the faculty have helped them grow as an individual and a social entity. The support and the extra effort taken by the faculty for rural students were also appreciated.

A few parents then volunteered to share their views and give their feedback about the college. There was one particular parent who was very proud to have been acquainted closely with SSN with most of his family being educated here.

The next two days were adorned with speakers from various genres talking about passion, college life and encouraging students to aspire high. The students were also exposed to glimpses of various student activities and were introduced to the presidents of the various departments and clubs. They were also played a few well-shot and well-directed audio-visuals describing some of the best events that had taken place at SSN. The glory of their alumni was also reflected with the Audio-Visual of Ravichandran Aswin.

These three days were the first steps to getting to know the college and acclimatizing to the environment and bonding with other people. The fresher were warmly embraced into the SSN family at the end of the 16th orientation function at SSNCE.

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**REPORT ON TEACHERS’ DAY CELEBRATION**

The teachers’ day celebration is an event which is organized annually to appreciate the efforts of the teachers who form the backbone of SSN and to also provide an excellent platform for them to showcase their talents in genres beyond teaching. This year’s episode, held on 26 September 2011 hosted a series of programs which elucidated the talent and skill of the teaching community at SSN.

The warm welcome was formally extended by the Principal, Dr. S. Salivahanan to the dignitaries, the teachers and students. The dais was adorned with guests- Mr. T. Udhayachandran, IAS, Secretary, Tamilnadu Public Service Commission, Mr. Ramachandran Krishnamurthy, Associate Director, Corporate Communication, Cognizant Technology Solutions. Mrs. Kala Vijayakumar, President of SSN alluded to a point made in the past by a student that teachers of today were more like escalators rather than just ladders.

The event was marked by a few host speakers, both teachers and students, sharing their experiences at SSN. The first among them was Mr. K. Murugesan, Assistant professor Department of Electrical and Electronic Engineering whose rhetoric speech in eloquent Tamil caught the audience with rapt attention. The next speakers represented the student population and spoke in both English and Tamil, showing their gratitude and reverence to teachers who had imparted the best of their knowledge and grooming them to what they had become now.

The first guest to share his views with us was Mr. Ramachandran Krishnamurthy, Associate Director, Corporate Communication, Cognizant Technology Solutions. He spoke about the power of the teaching staff and their role in the lives of students. The Chief Guest for the afternoon, Mr. T. Udhayachandran, IAS, Secretary, Tamilnadu Public Service Commission, introduced by the Dean Research, Dr. P. Ramasamy, is a man of conduct. His overwhelming profile had the audience spell bound and so was his very encouraging and appreciative speech.

The later part of the afternoon hosted the most awaited session, the distribution of prizes to the teachers and selection of the best teachers from the departments. One teacher from every department was chosen based on the feedback of the students and awarded the best teacher and another was given the second best. There were a few of them who had successively bagged these awards for many years in a row. There were other prizes which were rewards to teachers who had proved their mettle in the various extra-curricular competitions held a few days in advance. The prizes were distributed by the revered Chief Guest and special guest for the afternoon.

The formal vote of thanks was given by Prof. R. Balasubramanian, Professor and Head of the Department, MBA. The event marked the professionalism and the versatility of the SSN staff and their flamboyant skill not only in teaching but also in every other genre. Teachers are the backbone of any institution and this event had proved it right in every aspect.

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“Any change, even a change for the better, is always accompanied by drawbacks and discomforts.”

“There can be no knowledge without emotion. We may be aware of a truth, yet until we have felt its force, it is not ours. To the cognition of the brain must be added the experience of the soul.”

Arnold Bennett
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**Special Recognition**

1. The consultancy project entitled “Corrosion Issues in Dielectric Antenna Components” undertaken by Dr. V.S. Gayathri and Dr. K. Yamuna of Chemistry Department, has earned “Best Customer Satisfaction Award” of HCL for the year 2010 - 2011. The faculty members were presented with memento and a certificate of service appreciation.

2. The Animal House of Biomedical Engineering Department has been approved by the Ministry of Environment & Forests (Animal Welfare Division) for conducting research on animal studies.

**THE LUMBERJACK**

(The entry was shortlisted for The SSN Fiction Prize 2010-2011)

The falling snow continued to blanket the ice field, adding to the already copious amount of white in front of him. It was almost nine o’clock in the night in the first week of the year 1940. There was still plenty of moonlight for Felix to see the road up ahead of him from his vantage point on the knoll. Yet it was not only the winter moonlight that illuminated the night sky but also the fires of War. Even as his thoughts turned back towards the war, he could see the crimson light thrown by the battle in the far west, bathing the sky in a hue of red.

Felix was the sergeant commander of a company in the ‘Fagernas’ squadron of the Finnish army. He turned to look at the one hundred or so men assembled on the white field of snow in front of him, the men of his company. They were grim men, attired in the traditional ghostly full-white uniform of Finland. They each had their rifles strapped on their backs along with a great deal of explosives. Even their muffled caps were white and their goggles gray. Most of them were very young and in fact a few of them had reached their twenties.

Yet on retrospection, he had to admit to himself that at nineteen that he was a bit too young to be in command of an entire hundred-man strong company. But he considered himself mature and more than a match to any of his immediate superior officers. His six foot four frame, wavy blond hair and well-toned body only reinforced that thought. One of his own company men, by the name of Enigo, came up to him and said,

“Funny isn’t it, how everyone in the world has gone mad and is fighting against each other. France versus Germany, Japan versus China and now the Russians against us. It is as if the world decided to go mad all at once. Even if the world still has a future, I doubt whether our people will survive this madness.”

“The world was not always as it is now. I remember a time two summers before, when I was still a farmhand. I remember how the cutting of the Oak trees was such a tedious task but the farmhands overcame it always in the end by working together. That is how I look at the situation now; there may be hordes of Russians fighting against us but we are better warriors than them and we will prevail” boomed the voice of Sergeant Felix, his last words echoing across the make-shift camp on the edge of the forest.

Enigo, who stood silently while Felix was making his speech, now started to nod.

At length, Enigo straightened himself and said,

“I have known you for many years now and you are my closest friend. Back on the farm, whenever we went into the forest to clear out the trees, you were the one leading us. You always pulled us through the job and I can only hope you lead us well again.”

“I swear by the Light that I shall lead you through safely, if you follow my orders” pledged Felix.

Suddenly a loud siren blared, its shrill note breaking the silence that hitherto prevailed over the camp. Immediately, Felix and Enigo ran back to their company and took up their positions. In a matter of seconds all the companies in the Squadron “Fagernas” had assembled on the ice field. The squadron commander’s voice boomed over the microphone.

The regal voice of Colonel Siilasvuuo flowed out of the microphone which was connected to the Squadron’s radio. The same debriefing was now occurring simultaneously to each squadron all over the north and south of Raate road where the Finnish Army lay in ambush against the Russians.

The voice of Siilasvuuo held everyone in thrall as he announced,

“Men of Finland, the Russians have invaded our motherland across various points in the border to the east. Twenty thousand enemy soldiers are stretched out for many miles from the eastern border on Raate Road.”

“They have ten times as many field artillery pieces, tanks and for every aircraft that we possess, they possess a thousand. Even in manpower they outnumber us two to one and we are still weary from our last battle.”

The look of despair now gripped the entire Company but Siilasvuuo continued over the radio,

“But fear not. These Russians are frightened by the forest and will not dare to enter the forest that flanks Raate Road, both to the north and the South. They have tanks and artillery guns but these will be of no use to them when we attack their soldiers on the road from the forest. That is why I propose this plan to you.”

“Our Army has been split into squadrons, spread undetected to the forests north and south of Raate Road, which will attack this over-stretched Russian line on the road at various points. They will isolate the Russian army into pockets and prevent the separated Russians from joining each other and we will annihilate them.”
“This military doctrine has its inception in Company Sergeant Felix who likened the Russians stretched across Raate Road to a long piece of Oak timbre. One cannot hope to cut timbre in one go because the sap in every part would reinforce each other. But when the timbre has been cut out into logs, then we can work away one log at a time. That is what we shall do to the Russians. Now begin your assault and long live sacred Finland!” exhorted Siilasvuori and his voice clicked off.

Now the other companies in the Squadron now charged down the knoll into the forest and would be soon bursting against the Russians on the road but Felix’s company had a special job and was waiting in reserve. Felix and his company saw the fighting begin. It was as if some great play had begun and they were witnessing the first act. The white clad Finnish soldiers began throwing their grenades and mortar shells which bloomed into red explosion on Raate road. He could not see Russians but he could hear the persistent noise of gunfire. The Russians were taken by surprise and that seemed to offset their numerical superiority. Felix itched to get into the fight but he knew that he and his company had to wait for the signal in order to join the fray.

In a little over thirty minutes the fighting ceased and soon the Finnish flag was flying proudly over the road indicating that the Finns had the control of this section of the road. Soon the signal was given for the reserve companies to move on to the road and Felix obliged. His company now headed towards the objective of this operation, the skirmish whose outcome would dictate the rest of the war. They headed towards bridge across the river.

On their way, Enigo sidled up to him and asked,

“Mind reminding me why this bridge is so important?”

“This bridge cuts the road into two. This is the only crossing across the river. If we take it, all the Russians across to the western side of it will be trapped there. In essence, the Russians will be split into two parts that could never reinforce each other.” replied Felix.

“They have placed a strong guard over there. We have to drive them off and blow up the bridge. Here are my orders for your platoon. After we secure the bridge, you get up the detonators on the bridge, blow them and return to our side.”

Enigo raised his eyebrows at the thought of what they were about to do but he still marched silently along with the rest of the company towards the bridge. When they came at last to the bridge, he could see the two hundred or so Russian guards placed in the vicinity of the bridge scampering around to their positions.

Felix turned towards his company and bellowed,

“Men, there are your targets. I want you to kill all the Russians on this side of the bridge. CHARGE!”

The company surged forward and Felix led from the front. The Russians looked startled when his men swooped down on them but they still returned fire. A few men running alongside him were hit and he was smeared in their blood. But in a matter of minutes it became clear that it was his soldiers who had the upper hand. A grenade exploded a few feet in front of him. He was thrown a dozen feet by the explosion and crashed on to a nearby tree. He coughed blood but was still able to get up. He saw that most of the Russians had been killed or driven off to the other side of the bridge, the burning flames from the tanks and artillery pieces gave enough light from him to see that the Russians on the other side of the bridge were regrouping.

“Company forward!” he roared but his men were already attacking the bridge garrison. His end of the bridge was getting littered with more and more corpses but his men persevered and soon killed off all the Russians near the bridge, securing both its ends.

“Detonators” he screamed. Enigo’s platoon raced forward across the bridge but they were met with a hail of Russian bullets and tank shots. He ordered his men to return fire but still it was up to Enigo alone. Remarkably they held the bridge and set up the detonators.

“Blow up the bridge and come back!” Felix ordered, the blood rushing to his head. Enigo’s men got off the bridge just as it exploded, breaking into pieces and falling into the river. Enigo’s men started to come back after finishing their job but Felix saw the Russians launch one final salvo of missiles and it fell smack into the middle of Enigo’s retreating men. The explosion completely engulfed them.

“NO!” screamed Felix but he was too injured to do anything more than that. When the smoke cleared he saw that all of Enigo’s men had been killed and Enigo himself was lying a few feet away from him, staring sightlessly upward, dead. Overcome with pain and exhaustion, Felix fainted.

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When he regained his consciousness, he saw that he was lying on a medical stretcher inside a tent and that it was dawn and the battle was over. Felix was startled to see that it was Colonel Siilasvuori himself who was standing before him and Siilasvuori announced,

“Your men have secured the bridge and the road. You have won a great victory for your country.”

Felix heard these words but gave no outward reaction. He murmured,

“I gave my men orders and they followed them but they still ended up dying. We are the victors here but I can still see piles of our dead soldiers. I have learnt the bitter lesson that victory does not mean survival, that following orders does not mean survival. The Russians were far stronger and faster than us. How come they lost? How come our men died? Why?”

Hearing these words Siilasvuori replied,

“As you said victory or following orders or any other thing by itself guarantees nothing. Just like the Bible says, ‘The race is not to the swiftest, nor battle to the strong. Time and chance happeneth to them all’.”

Seeing there was no reply, Siilasvuori left Felix with a repartee saying,

“It seems that your men have christened you with a new name after your plan of breaking the Russians into logs and cutting them. They now call you ‘The Lumberjack’.”

P.M. Krishnan
IV B.E. (CSE)
Principal addressing the gathering on Fresher's Orientation Programme

Dignitaries at Teachers Day Celebrations

Dr. V. Rajini, Professor / EEE, receiving the Best Faculty Award from Mr. Ramachandran Krishnamurthy, Cognizant Technology Solutions.

Chief Guest for SSN Trophy 2011: International Table Tennis Star and Arjuna Awardee Mr. Sarath Kamal

Winners of Chess Team at SSN Trophy 2011

PHOTO GALLERY
REPORT ON SSN TROPHY 2011

The 9th edition of the SSN Trophy, yet another successful tournament, was conducted from 16th to 19th August, 2011. A commendably organized sports extravaganza, SSN Trophy is an invitational tournament witnessing a huge participation from the top colleges all over India. It is true that SSN Trophy has groomed the future stars of our country in Basketball, Tennis, Chess, Badminton and Table tennis. Year after year, SSN Trophy has been growing and this year we have had 72 colleges participating, with about 1400 players, 30 teams from outside Chennai and 9 from outside Tamil Nadu. Colleges like MLSU-Udchaypur, Christ University, Surana College native to Bangalore, KL University and VNRV College, Gitam University, St. Francis from Andhra Pradesh, Kerala Varma College, kerala, Loyola College, Chennai, Satyabama, St Joseph, GRD, PSG, Nirmalla, Amritha University, Thiagarajah Engg College, Bishop Hebar from Tamil Nadu like many others participated. The competition was conducted in a professional manner with league matches for the preliminary stages, followed by the knockout matches. The teams and the participants displayed great spirit and played with full commitment and zeal. It was indeed a treat for all the viewers.

The event was inaugurated on 16 August, 2011 at 9.30 am by the international Table Tennis star and Arjuna awardee Mr. Sarath Kamal. After addressing the students, Sharath declared the opening tournament open and this was followed by the opening basketball match between SSN and Stella Maris where the SSN girls team won in a spectacular fashion with a lead of over 20 points. In addition to this Mr. Sharath Kamal also specially interacted with the Table Tennis participants, even agreeing to playing rallies with a few of them! This definitely would have been a learning experience for all of them. During the inaugural ceremony, the president of SSN Institutions, Mrs. Kala Vijayarukumar, the Principal Dr. S. Salivahanan, Director Prof. B. Srinivasan and the Director of Physical Education Mr. P. Balaji were also present. During the valedictory function Mr. PSivapprasad, Chairman, Governing council, SSN Institutions distributed the prizes and certificates on 19th Aug, 2011 at 3.00 p.m. Inexplicable joy was ours when SSN College of Engineering received the Overall championship with 33 points.

SSN TROPHY – 2011
(ALL INDIA INTER COLLEGIATE TOURNAMENT)

RESULTS

TABLE TENNIS

Men:
Loyola beat SSN 3-2 (Final )
KL University beat Easwari Engg.
College 3-0 (Third & Fourth place)

Best Player Award: K. Anirudh - Loyola

Women:
St. Joseph’s beat SSN ‘A’3-2 (Final )
SSN ‘B’ beat PSNA 3-0 (Third & Fourth place)

Best Player Award: C. S. Priyadarshini – St. Joseph’s

CHESS

Winner: SSN (18 ½ points)
Runner: St. Joseph’s (18 points)
3rd place: PSNA, Dindugal (16 points)
4th place: CEG (15 points)

Best Player Award: Vigneshwar - PSNA

Congratulations!!!

Hearty Congratulations to Ms. R. Supraka and Ms. R. Kameshwari, IV B.Tech. (Chemical) who won the Best Poster Award for the paper titled “Growth and Characterization of Organic Material 4 – (Benzoxyloxy) Benzaldehyde Single Crystal by Modified Vertical Bridgman Technique with Nano Translation” at the International Conference on “Materials for Advanced Technologies” held in Singapore by Materials Research Society from 26 June to 1 July 2011.

Anirudh Ganguly and Jeran J, IV B.Tech. (IT) developed an application “SSN Print” under the guidance of Ms S. Sasirekha (AP/IT), for taking print outs in our college stores. The application is hosted in the link http://www.ssn.net/it5009/.
REPORT ON TECHNICAL SYMPOSIUM OF SSNCE

EUPRAXIA 2011

The Association of Electrical and Electronics Engineering,” (AAEEE) was inaugurated by Mr. Narayanan, General Manager, Lucas TYS, Chennai at 10.00 am on 29 July 2011. He delivered a special lecture on “Special Skill Development for Core Industries,” following which there was a workshop on “PIC Micro-Controller” attended by about 250 participants.

EEE Symposium “Eupraxia 2011” was inaugurated by the Chief Guest, Mr. Rathina Sabapathy, Deputy General Manager, R&D, Bharath Electronics Limited (BEL), Chennai, at 8.30 am on 25 August 2011. Dr. S. Salivahanan, Principal, SSNCE, delivered the presidential address. Dr. R. Arumugam, HOD/EEE, gave the report on the achievements of the EEE department. The Chief Guest released the first copy of “Cynosure-2011” the symposium magazine and 1000 copies were distributed to the participants. The Student President of the Association of Electrical and Electronics Engineering, Vivek M.Harihar, presented the report on Eupraxia 2011. Mr. N. Pandiarajan, Staff Coordinator, welcomed the gathering.

Totally 15 events viz, “Paper Presentation, Project Display, Robotics, Circuit Hunt, Microchip Programming, C Programming, Bridge Balancing, Technical Quiz, Technical Treasure Hunt, Management Potpourri, ADZAP, DumbC, Quagmire, Online Science Fiction Writing, and Online quiz were conducted. About 2500 students from 120 engineering colleges in Tamilnadu participated actively. The prizes Rs 60,000 were distributed to the winners and runners of the events.

Apart from these events two technical workshops were also conducted.

1. PCB workshop – attended by 300 participants.
2. DSP workshop - attended by 500 participants.

Eupraxia 2011 was organized by the office bearers of the Association: President: Vivek M.Harihar, Vice President: M.V.Brandu, Treasurer : N.Rathnavel, Secretary: P.Manikandan.

ORBITCE 2K11

Orbitce 2k11, a National Level Student’s Technical Symposium, was conducted by “The Association of Electronics and Communication Engineers” of the Department of Electronics and Communication Engineering on 26th August 2011.

Dr. K. Giridhar, Professor, Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai, inaugurated the Symposium by lighting the Kuttuvillaikkku. He gave an overview of the opportunities available for the students of Electronics and Communication Engineering in the Wireless technology development and released the official souvenir, “RESONANCE”, Mr. M. Kamaleshwar, President, AECE, presented a report on the Orbitce 2k11. Dr. S. Salivahanan, Principal, welcomed the gathering.

During the Symposium, the following events were organized for the students: Paper Presentation, Project display, Robotics, Programming Contest, Junkyard wars, Circuitix, M-guru, Mathomania, Quiz, Be a Prof, How Stuff Workz, and Treasure Hunt. Prizes to the winners were distributed by the faculty during the valedictory function. About 2000 students from various engineering college in and around Chennai participated in the event.

Hearty thanks to the staff coordinators of AECE, C. Thiruvonkatesan and A. Jawahar.

PARADIGM 2K11

Paradigm2k11 is a technical symposium conducted by the Computer Science Department of SSN College of Engineering. It sets the platform for the young engineers all over India to showcase their talents. This year Paradigm successfully completed its eight edition. Mr. Suhas Sambandam, CEO of Orangescape, grasped the occasion. Paradigm became a cornucopia of ideas and innovation and an ideal platform for bright, young minds to present their potential. It was well planned to take it to a new level altogether. This year too the tough competitive spirit was upheld with around 5000 students participating from various colleges. Paradigm, over the years became synonymous with innovation and skill; as this year too, new events with their quality improved manifolds were conducted. For the smooth organization of events, the registration process for the events was fully automated. This novel approach to registration drastically minimized complications and facilitated the otherwise strenuous process. This made it very easy for the organizers and the participants. Thus we did away with papers and truly conformed to our slogan of “Go Green”. The students gleefully contributed both in thoughts and actions.

With the tremendous hard work put forth by the students, Paradigm turned out to be a well-organized event. With the student power and co-ordination, yet again, it was proved that Paradigm was not just an event. It was an “experience”.

Quality has always been Paradigm’s “Alma Mater”. This year it was no different. We maintained the “no-compromise” policy as far as quality is concerned. All the events were a resounding success. The events this year were Programming/debugging, paper presentation, digital art, mock interview, Google and DB design. They drew large crowds. The participants put on their thinking caps and participated with enthusiasm and zeal. The competition was fierce and the spirit was commendable. Special mention has to be made of the two new events “Googly” and “Database Design.” These events broke new ground and people literally flocked the venues in unprecedented numbers. We struck a perfect balance between grandeur and quality. The success of paradigm had to be seen to believe. The credit for this gargantuan success does not go to any single person. The success is attributed to everyone involved – the core committee, the event organizers, the volunteers, the respected staff members. We worked in union, with a missionary zeal and the single-minded goal of making Paradigm a huge success. Thus, this year’s Paradigm will go down in the annals of SSN history as one of the best ever.
CONVERITA 2K11

The Association of Information Technologists was formally inaugurated for this year on 3rd August, 2011 by Mr. Sruithi Sagar Ananthachari, Head of Global Recruiting, and the Senior Vice President, CSC Covansys Corporation. He addressed the technologists and instructed them to prepare themselves to meet the challenges of a successful life.

On 29th August, 2011, Converita, the technical symposium was inaugurated in the Main Auditorium by Mr. Chandra Mouli, President Everonn Education Ltd., Chennai. He delivered a key note address on career guidance. About 2500 participants from various colleges swarmed the place that day.

They conducted the following events--Paper presentation, Debugging, Online Programming Contest, Online Quiz, Ad Zap, Dumb Charades, Tech Mixture, Quiz, Cyber Pyrate, SQL Querying and Web Designing, and Ultimate engineering. A workshop on “Visual Effects” was conducted by Image College of Arts, Animation and Technology, which caters to more than 300 participants.

The top 15 contestants were selected for the ultimate prize. An on-stage event with multiple rounds of elimination was conducted for them. The IIT team won the title “Star of Converita”. Sunanth C. Raman of BSNL Sports Quiz fame hosted the event.

CHEMICZNA 2011

ACE - THE ASSOCIATION OF CHEMICAL ENGINEERS:

The Association of Chemical engineers (ACE) of SSN College of Engineering took shape in the year 2003 with the objective of disseminating Chemical Engineering knowledge among the student community. It organizes lectures by eminent persons from industries and academia, periodically. Besides, it conducts a one-day national level students’ technical symposium “CHEMICZNA” every year.

This year ACE-2011 was inaugurated by Mr. T. N. Chandrasekaran, Chief Operating Officer, ProU India Engineering Limited, Chennai, on 9th August, 2011. He delivered a talk on job opportunities and the required skill-sets for chemical engineers. This event saw the launch of Chemiczna 2011 logo, theme music, promotional video, and website.

Since 2003, Chemiczna is being conducted every year, as an event that brings budding chemical engineers from various parts of India together. It is a place where knowledge is shared on a common platform. This year also Chemiczna was conducted successfully on 23 August 2011 with 600 enthusiastic participants.

There were a range of events like: Paper presentation, Poster presentation, Imbroglio, Tekkie film, Working model, Concoction, Treasure hunt, Gaming, and Disentangler.

Chemczna 2011 was inaugurated by Mr. R. V. Thyagarajan, Chairman, Arooran Sugars Private Limited, and presided over by our Principal Dr. S. Salivahanan. The inaugural function started with a prayer song and the welcome address was given by the Head of the Department, Dr. K. Ramakrishnan. It was followed by the Principal’s remarks. The event was inaugurated by lighting the traditional lamp by the honorable Chief Guest and the dignitaries.

The annual souvenir and the online-newsletter of the Department of Chemical Engineering were also released, by the honorable Chief Guest. A CD, containing the abstracts of papers and posters along with the souvenir, was given to the participants. Then the official video of Chemiczna’11 was screened, after which other technical events followed.

Around 500 abstracts were received for paper and poster presentations of which the 50 best were selected for presentation during the sessions. All the events were conducted in the presence of judges from various disciplines. Shri. Skandamurthy, General Manager, Indian Organic Chemicals Ltd., delivered the valedictory address, and distributed the certificates to the participants and the prizes to the winners. Shri. Tanvir Ahmed, President of Chemiczna proposed the vote of thanks.

SRISHTI - 2K11

The Department of Biomedical Engineering conducted its national level technical symposium SRISHTI-IV on 24th August 2011. The inauguration was presided over by Dr. Roopesh Jain, Senior Consultant Diabetes and Ms. S. Padmapriya, Chief Diabetic Educator of Dr. A. Ramachandran’s Hospital, Egmore, Chennai. The function started with an invocation to the almighty followed by the lighting of the kuthu vilakku.

The Principal, Dr. S. Salivahanan greeted the Chief Guest with a bouquet and gave an introductory talk on the origin of the prestigious SSN College of Engineering. The Head of the Department, Dr. N. Srinath, gave an introduction on the budding stream of Biomedical Engineering. The President of the Association of Biomedical Engineers, N. Gopakrishnan gave a warm welcome to the gathering and briefed them on the history of SRISHTI. The Principal Dr. S. Salivahanan honored the Chief Guest with a memento.

Chief Guest unveiling the Magazine (Hopslate)

The Secretary of ABE, K. Priyadharshini, introduced the Chief Guest highlighting their qualifications and achievements. The Chief Guest, Dr. Roopesh Jain, gave a guest lecture on the awareness of Diabetes which is the theme of SRISHTI 2011. The respected Chief Guest, Ms. S. Padmapriya, presented an overview of the cause and effects of diabetes.

The most awaited technical and nontechnical events followed suit: Paper presentation, Poster and project presentation, Circuit debugging, MATLAB & Labview, Quiz, Treasure hunt, Dumb-C, Crazy bazaar, Ad-zap, Short film and Gaming. The event received an overwhelming response. Each event had at least 50 groups participating and the total number of participants exceeded 650. The nontechnical events grabbed many eyeballs. However the Treasure Hunt and Gaming events had the maximum participants. For events like Paper presentation, Poster and Project presentation, quiz and short film, judges were invited from the industry and other institutions because the participants from states like Kerala and Hyderabad were very challenging.

The participants were awarded for their excellence. The Head of the Department gave away the prizes for the winners of all the events and thus SRISHTI came to a successful end.
CRANKX 2011

CRANKX 2011, a National Level Technical Symposium organized by the Association of Mechanical Engineers, SSNCE, on 22nd Aug, 2011, is the second edition of the popular event at our campus. CRANKX is the result of the hard work of our illustrious students, with the able support and encouragement of the faculty members and the management. The response to CRANKX was overwhelming with paper submissions exceeding 300 even before the closing date of the submission of the full manuscripts. CRANKX deserved a grand attraction having received more than 1200 participants from all over the country. CRANKX hosted a plethora of technical events aimed at exhibiting the innate talents of tomorrow’s workforce. The main intention was to retain the technical flavour of CRANKX without diluting with other informal events.

The inauguration of CrankX 2011 was an awesome exposition of the power of flight with a breathtaking Airshow performed to perfection by the highly skilled and committed NCC trainer (Retd), Mr.Amanda Krishna Gupta. It set a perfect runway for CRANKX to take off to higher altitudes with flying colours.

The event profile was one of the great positives of CrankX 2011. Five events – Paper Presentation, Treasure Hunt, Technical Quiz, Glider, Bottle Rocketry – were retained from the previous edition, while three new events were added – Da Vinci, Nissan SSN Grand Prix and the Workshop on CAD Analysis.

Nissan SSN Grand Prix was a newly conceptualized event and the main flagship event for CrankX 2011. The event saw a good turn out and fierce competition for the winning place. The event had two sections – the IC Engine section and the Electric Vehicle section. The IC Engine competition was held at the ground while the mechanical seminar hall was utilised to conduct the Electric car competition. Tracks with a number of obstacles and features like banking, etc, were laid in preparation for the event. The event had Nissan as an associate member. Nissan issued certificates to all the participants and the organisers of the event.

For the Da Vinci event, the preliminary round consisted of 5 questions made available online. The finals were conducted in three rounds – A Machining round at the Mechanical Lathe workshop, a CAD Modelling round, and an Industry Defined Problem Solution round. Then the winner was chosen.

Decoration with a theme was another positive point of Cranx this year. There was also a focus on making significant displays to make an impact from the perspective of visitors attending our symposium. Two of our displays stood out and garnered attention – the Model Eiffel Tower and the life size Ford T-Model.

The Eiffel tower was a revolutionary spectacle. Papers were rolled into thin stiff sticks to form the tower. Thanks to the idea of a final year student, Tarun Veeraraghavan. The final structure, about 12 feet tall, was an inspiring sight that attracted attention and prompted enquiries from many participants.

The Ford Model T is an automobile that was produced by Henry Ford’s Ford Motor Company from 1908 through 1927, generally regarded as the first affordable automobile. The eco-friendly, passive model was fabricated completely out of reusable material and scrapyard materials.

THE GREATEST GIFT EVER...

A cloak of warmth with me ensonced, Stifling never, though always an ember, Sparking a fire in me, yet not doused, There’ll never be like that another. Fingers, with love so tender entwined; Like a beacon to a ship on a stormy night. Steps faltering at first, and then with long strides, Together we made memories cherished and bright. Sacrifice for the sake of another, A string of pearls or pie for dessert, Personified so well by none other; Its joy a drink of cold water in a desert. Bonds invisible, nevertheless so steep, No act, nor words in the world can quell. Despite a dig so long and deep.

For eternal and long is the trance of the spell. Without a word or tear of mine, But only perception, keen and divine; Be it a sore knee or the loss of a dime, A kiss and a hug make my eyes forever shine. An angel on earth sans wings for sure, My best friend for life, like none other, Looking at me with pride and pleasure; The greatest gift ever- my mother....

Divya Kumar, IV B.Tech. (Chemical)

BUT I WILL STILL WRITE

The day seems bright The time seems right It’s night alright But i will write With all my might Not a soul in sight On pop the light all humans sleeping tight The sheets are white The moon at it’s height The stars, the night But i will still write Not that it’s any fight For my pen, the knight To fly over this pale kite Who hardly flutters, sitting tight Not all words are polite Not all hearts are white Not all times are bright But i will still kill to write

Lakshmi Madhavan, IV B.E.( Mech.)
மலர்நல் குழு விளக்கம்

வித்பவாரம் செய்த வணக்கத்துடன் ஹால்ட்டியில் பேர்களிடையே விளக்கம் மாறிய செய்யாதென்று பேர் போட்டியானது. குறிப்பிட்டாமல், பேர்களுக்கு தெரியும் பொருளாகவே விளக்கம் மாறிக்கொண்டது. இது பொருள்கள் வேளாண்மையில் ஒன்றுகளுக்கு ஒன்றாக மாற்றப்பட்டது. ஆனால், பேர்கள் தன்னைக் கொண்டதை செய்யவுடன் பொருள் மாறுதல் காணவேண்டும் என்று விளக்கமாற்றம் செய்யப்பட்டது. பேர்கள், விளக்கத்திற்கு எதையும் கொண்டதையும் மாற்றலாம் என்று விளக்கத்திற்கு எதையும் கொண்டதையும் மாற்றலாம் என்று விளக்கமாற்றம் செய்யப்பட்டது. ஆனால், பேர்கள் தன்னைக் கொண்டதை செய்யவுடன் பொருள் மாறுதல் காணவேண்டும் என்று விளக்கமாற்றம் செய்யப்பட்டது. பேர்கள், விளக்கத்திற்கு எதையும் கொண்டதையும் மாற்றலாம் என்று விளக்கமாற்றம் செய்யப்பட்டது. ஆனால், பேர்கள் தன்னைக் கொண்டதை செய்யவுடன் பொருள் மாறுதல் காணவேண்டும் என்று விளக்கமாற்றம் செய்யப்பட்டது. பேர்கள், விளக்கத்திற்கு எதையும் கொண்டதையும் மாற்றலாம் என்று விளக்கமாற்றம் செய்யப்பட்டது. ஆனால், பேர்கள் தன்னை�் கொண்டதை செய்யவுடன் பொருள் மாறுதல் காணவேண்டும் என்று விளக்கமாற்றம் செய்யப்பட்டது. பேர்கள், விளக்கத்திற்கு எதையும் கொண்டதையும் மாற்றலாம் என்று விளக்கமாற்றம் செய்யப்பட்டது.

பொருள்கள் பெருநாள் வழிகாட்டுகள் அறிச்செய்து ஆசிரியர் பேர்களிடையே விளக்கம் மாற்றம் செய்யலாம். பொருள்கள் வழிகாட்டுகள் கொண்டு விளக்கத்திற்கு எதையும் கொண்டதை செய்யலாம். பொருள்கள் வழிகாட்டுகள் கொண்டு விளக்கத்திற்கு எதையும் கொண்டதை செய்யலாம். பொருள்கள் வழிகாட்டுகள் கொண்டு விளக்கத்திற்கு எதையும் கொண்டதை செய்யலாம். பொருள்கள் வழிகாட்டுகள் கொண்டு விளக்கத்திற்கு எதையும் கொண்டதை செய்யலாம்.
TEACHERS' DAY CELEBRATIONS
The best teacher award goes to

Ms. R. Ramaprabha, AP/EEE
Ms. N. Edna Elizabeth, Asso. Prof./ECE

Mr. V. Balasubramanian, AP/CSE
Mr. I. Joe Louis Paul, AP/IT

Mr. P. Senthilkumar, AP/Chemical
Mr. K.S. Vijayasekhar, AP/Mechanical

Dr. Prita Nair, Asso. Prof./Physics
Ms. Geeta Santosh, Asso. Prof./MCA