October 2014

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“From the President’s Desk…”

The first quarter of the academic year is a time for students and the faculty to retrospect and formulate a plan of action for the year. As you all know, SSN stands for excellent teaching, quality research and a wonderful place for the overall development of the students. Extracurricular and Co curricular activities are given equal importance. Sports and Games, needless to point out, help in shaping the physical, as well as, the mental well being of people. I am happy that SSN strives to achieve excellence in every one of these aspects.

I appeal to the students to make the best use of all the facilities available on the campus for individual growth and development. The management is ready to encourage any constructive activity from the students for their overall improvement.

We have had another batch of students amidst us in the first year. I am happy that the orientation program held from 30th July to 1st August provided a good opportunity for the new entrants to become familiar to the people, places and facilities on the campus as well as develop a positive orientation to their study in the next four years.

Ms. Kala Vijayakumar

“From the Principal’s Desk…”

Time and again we need to remind ourselves of stepping up our classroom practices and research output. I am happy that research output in terms of number of papers published, conferences conducted and other related activities, during this quarter, are quite impressive. This period has also witnessed good number of extracurricular and sports activities. I would like to appeal to the faculty to step up their academic and research activities furthermore. This, in my opinion, is a need of the hour for the growth of the individual as well as the institute.

I would like to mention a few notable achievements. With immense pride, I place on record the achievement of A. Anaka, an alumnus of CSE Department, for receiving the Arjuna Award from the President of India for her accomplishments in squash.

Orientation program at SSN is an excellent attempt to initiate our new entrants at the graduate level into SSN. I am happy that the event held from 30th July to 1st August 2014 has been well received by the first year students as well as the parents.

Another customary and a laudable activity at SSN is the hosting of national level student technical symposiums solely funded by the management and organized by the students. This event provides an excellent platform for students from different parts of the country to showcase their talents. In addition, our students gain significant practice and training in all aspects of ‘event management’. I am happy this event has been going from strength to strength in terms of number of participants and events.

During the 1st and 2nd week of September 2014, the following symposiums were conducted: EUPRAXIA 2k14 by EEE, ORBITCE 2k14 by ECE, PARADIGM 2k14 by CSE, CONVERTITA 2k14 by IT, SRIKANTHI 2k14 by BME, CRANKOX 2k14 by MECH, CHEMICZNA 2k14 by Chemical, and KRACKIVA 2k14 by Civil. It was an excellent platform for our senior students to show case their technical skills as well as skills involved in organising mega events.

SSN, in its traditional way of encouraging and motivating talent amongst teachers, recognized meritorious teaching by awarding prizes to the deserving faculty on 19 Sept 2014 as part of the teachers’ day celebrations. Thiru. Gana Sirsabesan, Tamil Scholar and Orator, was the Chief Guest on the occasion.

SSN Trophy, a sports extravaganza, was conducted for the 12th consecutive year on 26 and 27 August 2014. The Tournament, consists of 7 different events namely-Badminton, Basketball, Chess, Table Tennis, Cricket, Squash and Tennis for both men and women categories. SSN had 72 institutions with over 1200 students participating this year. Recognizing the importance of Sports in shaping one’s body and mind, SSN provides excellent encouragement and facilities for sports and games.

In addition to these notable events, various departments in the college have conducted several workshops and conferences during this quarter. Some of them are as follows:

The Department of EEE organized a two-day National Workshop on “Power Conversion for Smart Grids” on 18, 19 July 2014. A programme “INSPIRE” sponsored by DST, New Delhi, was organized at SSNCE during the fourth week of July 2014. About 150 Higher Secondary School students participated in this programme. A “Peripheral Stem Cells Donation Awareness” program was conducted by Datri organization, Chennai, followed by a registration drive in the campus. More than 500 SSNites registered for the donation. This programme was organized by the Department of Biomedical Engineering along with YRC and NSS of SSN College of Engineering in 25, 26 Sept 2014.

Congratulations to Prof. V. Kamaraj and Dr. R. Ramaprabha, of EEE on obtaining the ‘IET CLN Diamond Salute Award 2014’ and “IET CLN Sir C.V. Raman Research Award 2014” respectively, in the IET Chennai Network Achievements Awards 2014 function conducted by Institution of Engineers and Technology.

Lucas-TVS, Padi granted a sum of Rs. 50,000/- as sponsorship to the SUPRA MACH RACING Team of the Mechanical Department that participated in the SAEINDIA SUPRA event at MMRT, Chennai, from July 17th to 20th 2014. Congratulations to the Team!

As success envelops our staff and students, my message to some of you is that you need not panic if you are different from others. “Every unique skill and every unique talent has the potential to make you a superstar. Embrace your personality and unchain your inner strength. Don’t forget – the one thing that all successful people have in common is that they were different from others around them.” Everyone has a talent and so do you. All you have to do is to let it shine out. So, my dear staff and students, celebrate your difference and bring laurels to yourself, your institution, and your society.

Dr. S. Salivahanan

SSN provides training for students in Languages and Personality development and the students should make the best use of the same. Tailor made training, specific to the varied sections of the student community, is offered to make it meaningful and purposeful. SSN offers training in English and foreign languages (Japanese and German). It also offers specialised training for students who join the college from the rural background with a view to enabling them cope with the new environment in which they have chosen to study. The needs of the students from lateral entry and Tamil Medium are also addressed.

I am happy that the symposiums by the different departments were conducted successfully this year as well and have attracted large number of students. I am happy students have meticulously organised events of such a grand scale all by themselves. I am sure, this has given them managerial skills and other soft skills needed for success. I am sure these symposiums also helped in inculcating a spirit of research which is a vital need of the hour.

I am proud of our alumni Mr. R. Ashwin and Ms. Anaka who received the Arjuna Award this year.


RESEARCH PUBLICATIONS IN JOURNALS


43. Sanjana Sahayaraj and Shomona Gracia Jacob, “Data Mining to Help Aphasic Quadriplegic and Coma Patients”, International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064.


SUPRA VEHICLE AT SSN

This vehicle is the effort of a team of 25 SAEINDIA student members of Mechanical Engineering department under the leadership of the immediate graduated students Kalaiselvan J., M. Ezhilan, and A. Mukesh. This Real Formula Car confirms to the norms and standards set by the SAEINDIA.

The team participated in the dynamic round organized by the SAEINDIA (SUPRA wing) at the prestigious Madras Motor Race Track (MMRT) near Sriperumbudur, Chennai on July 18-20, 2014. The total budget of the vehicle is close to 6 Lakhs.

SUPRA Team members with their SUPRA Formula car. Present with them are Principal and the two Faculty Advisors.

Speaking on the award, Shiv Nadar said, “This is a great honour and I thank the Institute of Directors, India for this recognition. In today’s increasingly fragile socio-economic ecosystem, education is a powerful medium for enabling inclusive, transformational and sustainable change. This award is a testimony to the fact that we are on the right path and that education will play a key role in revitalizing disadvantaged communities and thereby impacting the social fabric of communities and nations.”

More can be read at: http://shivnadarfoundation.org/sites/default/files/The-Golden-Peacock-Award-Press-Release-India_0.pdf
CHAOS IN THE TRAFFIC JAM

I am late for work, 
stuck in traffic. 
Accident in the road, car hits a bike. 
A father's head is bleeding, 
and his son's down crying, 
and there's chaos in the traffic jam. 
No one is helping that poor child, 
looking as though they are all blind. 
Oh God, who's gonna help the child, 
Mind says "avoid him", 
Conscience says "help him", 
but I'm late for work, 
and there's chaos in the traffic jam. 

Took a decision, 
to help that kid. 
Took his father to a hospital, 
but the father dies, 
and the kid, just cries. 
I'm late, 
not for work, 
but for the kid, 
and there's chaos in the traffic jam. 

One more thing, 
be safe, 
and drive safe, 
Else there will be chaos in the traffic jam.

N. Goutham
I B.E (Mechanical)

TRANSIENCE

Awake I am from a good night's sleep 
To see the kisses of the pattering rain on my window pane 
To rouse my sullen soul
By innocent surprise of rapturous strain 
Heralding a new season
He, she, all of them, aye
Treble, tenor and bass
To play in the splattering rain
To enjoy life to the dregs
Ah, no, the years, the years
Down the carved ploughs, their name
Men, maidens, together aye
Crooning the tunes of prime
With a glimpse of bay
Dashing waters cut across
The desired wishes to dream
Ah, the years, down in swills
Elders and erudite bending to reach
The white storm-birds wing across
Clocks, carpets and chairs, monumental
With candles mooning each face
Ah, no, the years, oh the years!
Surging sick trees reel in throns
They sing their celestial songs
In the garden gay, the pathways neat
No creepy mosses or dangerous whirls
Ah! Life's blithe spirit
They change to a high new tide
On the shores of eternity.

K. A. Gowthaman Sibi
II B.E (ECE)

 FALLING OF RAINDROPS

A mystical source from above
Falling in love
With the earth
As it falls giving itself its worth
A small splash of rain
Make the surroundings divine
A cleanser cleansing dirt from us
And restoring the goodness thus
Rain though called by different names
Falling from the heights of thousands
Has just a single quality
Making earth live to its beauty
Just like a lion's roar
In the quite forest life
Rain less or rain more
A creator or destroyer in man's life
Leading life is difficult without rain
And there will throughout be pain
No crops grow without rain
Yet it has always made fain
Raining is a beautiful phenomenon
Rising from oceans and returning finally back
To the place of its origin
There is no quality it lacks
The smell appearing before start of rain
Eases all the pain
Out of all and mesmerizes
The glory that it signifies
The precious source available to all
An immortal drink from heaven
Giving sensation of leaven
Never ceases its fall
Rain and earth are like
Brother and sister
Eager to get to sense each other
Finally departing; just like
The way they met
Raindrops preceded by
Thunder and lightening
Taps against the window panes
Creating peace within the inner being.

M. Karthik Avinashilingam
I B.E. (Mechanical)

WAR

Aeons ago, the land was ruled by them,
The arrogant ones who called themselves Lords.
They stole from the people their rightful things
And gave them sorrow; both went for their swords.
And there was bloodshed, misery and pain,
Among both, none could afford to lose more.
Neither could fathom how war had no gain,
And how it left them- bruised, broken and sore.
Then it hit them, at that boundless moment;
How foolish it was to fight without cause.
And each side stopped the killing and torment;
The proud lords humbled themselves and gave pause,
And repented their sins, till at long last,
Peace swept through the land, and war became past.
(An attempt at writing a sonnet in iambic pentameter)

Kavaya K.
I B.E.(Mechanical)
GLIMPSES OF NATIONAL LEVEL

ORBITCE, Electronics and Communication Engineering

CRANKX, Mechanical Engineering

EUPRAXIA, EEE

CHEMICZNA, Chemical
PARADIGM Computer Science and Engineering

SRISHTI, BME

KRACIVA, CIVIL

CONVERITA, Information Technology
SSN Model United Nations 2014 (MUN) conference was conducted from 12th to 14th of September 2014. A MUN is an academic simulation of the United Nations where students take up the role of diplomats of various nations in different organs of the UN and debate and deliberate on various issues of global concern.

SSNMUN 2014 consisted of five committees’ viz. United Nations General Assembly-Disarmament and International Security Council (UNGA-DISEC), Human Rights Council (UN-HRC), United Nations Security Council (UNSC), Economic and Social Council (ECOSOC) and the African Union (AU).

Over 180 delegates from across South India arrived at SSN to take part in this conference organised by the Secretary General-Vishal V (B.E Mechanical Engineering), Deputy Secretary General-Jerry. G. Thomas (B.E Electronics and Communication Engineering) and a secretariat team of 12 members. Each person had distinct responsibilities and were ably aided by students of the first year and second years of SSNCE.

Debate in the various councils was held in rooms across the college viz. MBA Seminar Hall, Central Seminar Hall, Mini Auditorium, CSE Seminar Hall, IT Seminar Hall.

Cash prizes were awarded to the best delegates of various councils. Overall, SSNMUN 2014 was a grand success with over 180 delegates, Chairpersons and reporters descending at SSNCE for 3 days of intense and stimulating debate.
THINGS YOU CAN DO TO IMPROVE YOUR ENGLISH

Language is a means of expressing our thoughts and feelings to those around us, by means of a system of words or signs. English is one such means, people use, to express themselves. But while some find it easy to converse in this language, others may think of it as an uphill task to come up with the right words and phrases to put their ideas out there. We cannot ignore the importance and the urgency of learning the language in today’s world, since it is the language spoken by majority of the population around the world for both business and pleasure. So, the question arises as to how one can learn or improve his/her language and speaking skills in order to converse freely and confidently when in an exchange with another individual or in a group. Some of the easiest things we can do to overcome this hurdle are:

• **Read!** Probably the easiest and most effective method to gain knowledge about the language is to read. You can read a novel, newspaper or even a comic. This will not only help you improve your language skills but also widen your imagination and keep you up to date with the times.

• **Learn** a couple of **new words** from the dictionary every day, or perhaps when you encounter a word in a book or newspaper that leaves you bamboozled.

• **Watch movies.** Well, it might not be the most advisable thing to do according to your parents and teachers, but a movie with subtitles will definitely help you study how lines are delivered and the accents of various actors from around the world. This is perhaps the most fun way possible to improve your English language.

• If you aren’t much of a movie buff, **watch** your favourite sport with **English commentary.** Learn how different commentators use different phrases to describe different situation or the same situation several times (like when Yuvraj Singh smashed all six balls of Stuart Broad’s over for Sixes!) or **Taylor Swift’s Love Story**

• **Make use of the internet and social networking sites.** It’s full of resources to help you learn and improve. There are online tests and classes as well as blogs which you can read and enjoy.

• **Write** whenever you can, about whatever is in your heart and mind. This is after all, a means to tell people how you feel. Maintain a dairy and put your thoughts down in it whenever you are in the mood. Who knows you might end up becoming famous and then this will be your own little autobiography.

• **Listening to good English songs** can actually help, provided he/she shows interest in replying to your letters.

• **Try speaking** with the opposite gender. Only help you learn the language but also give you things to communicate to the opposite gender.

• **If you have had the patience and will power** to read all the above listed points, you have already kick-started the journey to learn and speak better English. By the time you are done, you’ll probably even know the meaning of the word ‘bamboozled’ and be using it in your everyday speech.

Compiled by Tarun Thomas Philip III B.E (Civil)
(From a discussion held in the Communication Skills Laboratory 2014)

DESPAIR

Nowhere to go,
Nowhere to hide,
I'm stuck in this world,
With no hope or pride.
Dreams are big,
Ambitions are high,
But all I see,
Is a world full of lies.
Dejected and depressed,
That's how I feel.
For this is a pain,
Which no one can heal.
Problems, problems everywhere,
Not a solution to be found.
My life is filled with despair,

For I'm left alone and astound.
I don't know what to do,
I don't know what to say.
It's tough being alone
Every single day!
Life is uncertain,
Let's give it our best.
For every single moment ,
Is like a test.
I'm looking for an answer,
From you, yes YOU!
Do consider this my prayer,
And help make my dreams come true.

T. Subrahmanya Siddaarth
III B.E (Mech)
ARJUNA AWARD

Our Alumnus, ANAKA ALANKAMANI, receives ARJUNA AWARD from President of India

SSN is proud that Mr. Ravichandran Ashwin (cricket) also received the ARJUNA AWARD 2014. We express our deep sense of appreciation for this achievement.

SSN TROPHY

SSN TROPHY, a sport extravaganza, was conducted for the 12th consecutive year. The Tournament, which consists of 7 different events namely Badminton, Basketball, Chess, Table Tennis, Cricket, Squash and Tennis for both men and women categories. SSN had 72 institutions with over 1200 students participating this year.
Teachers’ Day Celebration

Teachers’ Day was celebrated on 19th September, 2014. Dr. Gana Sirsabesan, Tamil Scholar along with Mr. Mathivanan Elangovan, Senior Director - Learning Solutions & High Business Impact Leaning at Cognizant Technology Solutions graced the occasion. Dr. Sirsabesan revealed the truth about how teachers take pride in seeing their students grow and achieve great things in their life. Mr. Mathivanan Elangovan stressed on the need for “passion, outcome and context” for getting ahead in one’s career.

Prizes were distributed to teachers who had participated and won in the various cultural events organised by the College.

Symposium 2014

Students at SSN get a wonderful opportunity to conduct technical symposiums at the national level on a grand scale every year. These events serve as grand eye openers to the student community in many ways. First of they share academic experience on their own field of study from various parts of the country. This gives them a broad perspective to the study of their subject. In addition, it provides an opportunity for a great experience in events management. They decide the theme of the symposium, invite colleges across the country, device a range of events with utmost novelty, arrange the venue, accommodation and hospitality for all the guests which is around 4000 in number. I am sure this experience will given them the much needed skills in organising an event, conducting seminar, presentation and other events online and offline. Some of the events that run across many branches of engineering start from the traditional paper presentation sessions to solving puzzles, breaking codes, playing intelligent online games and so on.

The schedule of events and the chief guest at the various symposiums conducted between 4th and 11th September 2014 are given below

04.09.14: ORBITCE 2k14, a National Level Student’s Technical Symposium, was conducted by the Association of Electronics and Communication Engineers of ECE Department. Mr. K. Sridhar, Scientist-F and Head, Communications Systems Group, SAMEER, Chennai inaugurated the Symposium by lighting the Kuttuvillakku. He also gave a talk on “Communication Systems - Present and Future”, and released the official souvenir “SURGE”. About 4000 students from various engineering colleges in and around Chennai participated in the event.

05.09.14: The Department of CSE organized PARADIGM 2k14 a national level student’s technical symposium. Mr. V.S. Sundara Raman, Vice President, RODE Product Development at Ramco Systems was the chief guest.

06.09.14: The national level student’s technical symposium - CONVERITA 2k14 was conducted the Department of IT. The event was inaugurated by Mr. Sridhar Rangachari, ERP and IT Delivery Expert, Former GM Bahwan CyberTek, Muscat.

08.09.14: The Association of Biomedical Engineering conducted a national level student’s Symposium SRISHTI 2k14. Mr. Siddharth Nair, Founder and Managing Director, Fyrsta Innovations Private India Ltd.,

09.09.14: CRANKX 2k14 – The national level student’s technical symposium, CRANKX 2k14 was conducted by the Department of Mechanical Engineering. Mr Vaibhav Prakash, President (AME) was present at the inaugural function.

10.09.14: CHEMICZNA 2k14 a national level student’s technical symposium of Chemical Engineering Department. Sri Jayamuruga Prakash, Vice President, Shasun Pharmaceuticals, Chennai was the Chief Guest. Treasure Hunt, SSN GP Indoor and Outdoor, Bottle Rocketrix, Paper plane, glider, truss masters are some of the events.

11.09.14: The Department of Civil Engineering organised KRACIVA 2k14 - A national level student’s technical symposium for the first time. The symposium was jointly inaugurated by Mr. G. Sivakumar, Director-Highway Research Station, Tamilnadu and Dr. M.V. Ramana Murthy, Scientist, National Institute of Ocean Technology, Chennai

We learned about gratitude and humility - that so many people had a hand in our success, from the teachers who inspired us to the janitors who kept our school clean... and we were taught to value everyone’s contribution and treat everyone with respect. - Michelle Obama

You can not calm the storm, so stop trying. What you can do is calm yourself. The storm will pass. - Timber Hawkeye

Listen to positive people and ignore negative ones. People that doubt, judge, and disrespect you are not worth you time and attention.

One looks back with appreciation to the brilliant teachers, but with gratitude to those who touched our human feelings. The curriculum is so much necessary raw material, but warmth is the vital element for the growing plant and for the soul of the child. - Carl Jung
TEACHERS’ DAY CELEBRATIONS