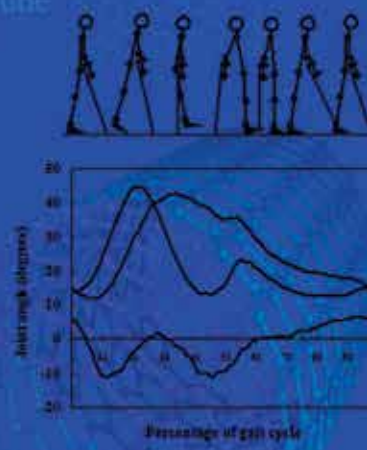


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(0,10) nanotube  
200 nm

$$f(x) = \frac{(V_{max})^2 - (V_{min})^2}{(V_{max})^2 + (V_{min})^2} \sum_{n=1}^{\infty} \frac{\sin(n\pi x)}{n}$$
$$\frac{1}{1+n^2} < (1 + \frac{1}{n^2})^{n^2}$$
$$f(x) = \int_0^1 f(x) dx = \int_0^1 \sum_{n=1}^{\infty} \frac{\sin(n\pi x)}{n} dx$$
$$f(x) = \sum_{n=1}^{\infty} \frac{1}{n} \int_0^1 \sin(n\pi x) dx = \sum_{n=1}^{\infty} \frac{1}{n} \left[ -\frac{\cos(n\pi x)}{n\pi} \right]_0^1$$
$$f(x) = \sum_{n=1}^{\infty} \frac{1}{n^2} (1 - \cos(n\pi)) = \sum_{n=1}^{\infty} \frac{1}{n^2} (1 - (-1)^n)$$
$$f(x) = \sum_{n=1}^{\infty} \frac{1}{n^2} (1 - (-1)^n) = \sum_{n=1}^{\infty} \frac{1}{n^2} (1 - (-1)^n)$$



$$\left(\frac{1}{C_{1s}}\right) I_1 - \frac{1}{C_{1s}} I_2 + 0 - \frac{1}{C_{2s}} I_3 + C_1$$
$$+ R_2 \left(\frac{1}{C_{2s}}\right) I_2 - \frac{1}{C_{2s}} I_3 + 0 - \frac{1}{C_{2s}} I_4 + \frac{1}{C_{3s}} I_5 + \frac{1}{C_{3s}} I_6 -$$
$$+ \left(\frac{1}{C_{3s}} + R_3\right) I_3 - \frac{1}{C_{3s}} I_4 + \left(\frac{1}{C_{3s}} + R_4\right) I_4 + 0 - \frac{1}{C_{3s}}$$
$$0 + 0 - \frac{1}{C_{3s}} I_3 + \left(\frac{1}{C_{2s}} + R_5\right) I_5 +$$
$$\frac{1}{C_{2s}} I_3 + 0 + \left(\frac{1}{C_{2s}} + R_5\right) I_5 +$$
$$\left(\frac{1}{C_{2s}} + R_5\right) I_5 + \frac{1}{C_{2s}}$$

# April 2016

# Contents

**VIBRATIONS**  
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## Editorial Board:

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Dept. of English

Dr. Divya John  
Dept. of English

- 3 From the President's Desk
- From the Principal's Desk
- 4 Publications in Journals
- 7 Honest Criticism
- Forever
- 8 Photo Gallery
- 10 Shiv Nadar Foundation Leadership  
Conclave 2016
- 11 Inauguration of SNU  
Award for Mrs. Kala Vijayakumar
- 12 Tamil Section
- 13 First Conference at English Dept  
Tribute 2016  
4th Edition of SYCon  
SSN Research Day 2016
- 14 Engineering : Boon or Curse ?  
Report on Instincts 2K16

**“From the President’s Desk...”****Mrs. Kala Vijayakumar**

At the outset, I am very happy to note that all the departments have conducted workshops, FDPs and Conferences during this quarter. I congratulate the English Department for having conducted the first national level conference. I wish that such academic activities grow further in numbers as well as quality.

Research interest evinced by students at SSN is a noteworthy feature. The management will continue to encourage and support such events. I am happy that Hamsa Zagriya, Harsha Vardhini, Dharani (2015 batch) have received the ISTE-Manakula Vinayagar Award for the best student project titled, "Energy recovery scheme to harvest energy from partially shaded photovoltaic

module" at the 15th ISTE TN and Pondicherry Section Annual Convention under the guidance of Dr. V. Rajini, Prof. of EEE, on 5 Feb 2016.

A significant event to cherish during this quarter is the "Leadership Conclave 2016" conducted by Shiv Nadar Foundation on 13 Feb 2016 at the HCL Technology Hub in Noida. The event tried to develop conversations amidst the members of all the institutions that come under Shiv Nadar Foundation, namely, SSN, Vidya Gyan, Shiv Nadar School, Shiv Nadar University etc. I wish that this conversation continues to grow for the benefit of all members.

My best wishes to all of you.

**“From the Principal’s Desk...”****Dr. S. Salivahanan**

Every quarter SSN abounds in activities, thus proving that the institution has set goals and is trying to achieve them step by step.

The Department of IT organized a winter school on "Speech and Audio Processing" on the theme "Speech Prosody" from 8 to 11 Jan 2016; a two-day workshop on "Research Prospects in Image Fusion and Registration" on 1 & 2 Feb 2016; a one-day workshop on "Fundamental Analysis & Processing of Image & Video with Computing Techniques" on 7 March 2016; and a two-day workshop on "The Internet of Things - Hands-on with Raspberry Pi" on 22 & 23 March 2016.

The Department of EEE conducted a Faculty Development Training Programme approved by Anna University on "Advanced Control System" from 18 to 25 Jan 2016; a one-day seminar on "Steel Structures" on 04 Feb 2016; a Hands-on workshop on "Pspice and Psim" on 20 Feb 2016, and the 3rd International Conference on Electrical Energy Systems from 17 to 19 March 2016.

The Department of ECE organized the AP-S workshop on Key Electromagnetic Concepts from 20 to 22 Jan 2016, and hosted the IEEE International Conference on "Wireless Communication, Signal Processing and Networking" from 23 to 25 Mar 2016.

The Department of CSE organized a one-day National Level Seminar on "Predictive Analytics - Big Data and Health Care" on 12 Feb 16; a two-day workshop on "LaTeX Software" by SSN-CSI student chapter on 17-18 Feb 2016; a National Conference on "Internet of Things and Data Analytics" on 18 Mar 2016; and a workshop on "Version Control System using Git," by SSN-CSI student chapter on 23 Mar 2016.

The Department of BME organized a workshop on "Digital Signal Processing" on 22 & 23 Feb 2016; and a two-day National Conference sponsored by ICMR on "Advancements in Biomedical Engineering and Sciences" on 3 and 4 March 2016.

The Department of Civil Engineering organized a one-day workshop on "Recent Advancements in Remediation" on 17 Mar 2016.

The Department of Mechanical Engineering organized a one-day workshop on "New Trends in Welding Technology" on 21 Mar 2016.

The Department of Chemical Engineering organized 7th one-day National Conference on "Recent Trends in Chemical Energy and Environmental Engineering" on 18 Mar 2016.

The Department of English organized the first national conference on "Teaching English Language to the 21st Century Learners" on 19 & 20 Feb 2016.

The Department of Physics conducted a national level conference on "Advanced Materials" on 21 & 22 Mar 2016.

SSN IEEE Student Branch and ISTE jointly arranged a program on "Awareness of DRDO and Its Products & Job opportunities in DRDO" on 8 Mar 2016. The department level SSN Business IDEA Contest 2016 was conducted by the Department of Computer Science and Engineering, SSN Business Entrepreneurship in Science & Technology (BEST) Centre, in association with the Industry Institute Partnership Cell on 23 Mar 2016.

I extend my congratulations to Dr. R. Seyezhai, Asso. Prof./EEE, for having received the Best Academic Researcher Award for the Year 2015 from the Association of Scientists, Developers and Faculties and Dr. T. Sree Sharmila, Asso. Prof./IT, for having received "Young Women Achiever Award (Engineering)" from Venus International Foundation, Chennai.

The NSS Unit and YRC Unit of SSN organized a one-day "Blood Donation Camp" in the campus on 26 Feb 2016.

I thank Shiv Nadar Foundation for organizing "Leadership Conclave 2016" which I attended along with the HODs in February 2016 at New Delhi. Through this, we understand that goals become within our comfortable reach when they are compartmentalized for clear cut and stress-free action. This reminds me of Gean Gordon's words: "Life is hard, By the yard, By the inch, It's a cinch (simple task)."



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## HONEST CRITICISM

Each stroke equals a sentence,  
 Each can turn the subject around but prudence  
 Holds it all, firm as one till the painting's done,  
 The painter labours diligently, so that none  
 Can criticise his creation by cruel means,  
 He holds his subject the highest as it seems.  
 As did Leonardo, when he erased the Holy Grail,  
 which gleamed  
 Past Jesus, in the eyes of his critic, to whom, so it  
 seemed.  
 He sweats blood, to get the perfect mix.  
 Makes no mistake, such that to fix  
 The onlooker's eyes to his masterpiece, such that  
 almost all  
 The other paintings fade into the wall.  
 Tears came, at the first critic's remark.  
 It was too hard a tap for his heart. He said "Hark!  
 You are God in man's image. Such commendation,  
 Called forth peals of applause and appreciation.

**Chriswin Ebenezer**  
 I B.E. (Mechanical)

## FOREVER

Seasons will change  
 From winter to spring  
 Whatever be the reason  
 The bird will always sing.  
 Clouds may cast gloom  
 Rains may spell doom  
 Whatever be the reason  
 The flower will always bloom.  
 Time will play its part  
 Might try to hinder flow  
 Whatever be the reason  
 The Light will always glow.  
 Forever may not exist  
 Drift may happen too Whatever be the reason  
 The Book will always write for you.

**R. R. Deepika**  
 III B.E. (EEE)



SHIV NADAR FOUNDATION LEADERSHIP CONCLAVE 2016



Mrs. Kala Vijayakumar



Prof. Salivahanan and Prof. P. Ramaswamy amidst others in the Conclave



R. Madhavan



Roshni Nadar Malhotra



Mr. Shiv Nadar and Mrs. Kiran Nadar amidst others in the conclave



Dananjaya Hettiarachchi (Dan)



# SSN TROPHY 2016



## SHIV NADAR FOUNDATION LEADERSHIP CONCLAVE 2016

On 13th February 2016, the leadership and select participants from the **Shiv Nadar Foundation and HCL** converged for the inaugural Shiv Nadar Foundation Leadership Conclave at the HCL Technology Hub in Noida. The theme of the day was saying 'Hello!' to start the conversations and exchange of ideas across Foundation and the institutions. Principal along with all the HODs, Dean, Advisor, Student Affairs and others from SSN CE were present at the Conclave. Dressed in the VidyaGyan Leadership Academy girls uniform, Roshni Nadar Malhotra, Trustee, Shiv Nadar Foundation, began the day with a light hearted talk about what triggered the need for this event and what this forum should enable the Foundation to achieve

- Using videos which were funny yet motivational, she spoke about the team from Lagaan movie and its team strengths
- She also compared the team with the Foundation's leadership, talking about how each role had a specific identity and it is the leader's responsibility to ensure all parts of the jigsaw puzzle fit in nicely for the team to perform

Roshni then handed over the stage to **Dananjaya Hettiarachchi (Dan)**, World Champion for Public Speaking (2014). A motivational speaker by profession, he spoke about his mantras for success

- Wish v/s Want – Every individual should continuously introspect whether they really want something or is it merely a wish
- Attitude – It's very important to have the right attitude, a combination of calculated risk taking, learning from past mistakes and having confidence in our own capabilities
- Little things make a big difference - The things that are ignored often make a big difference
- No option zone – One must always be in that no option zone to sustain the momentum towards achievement
- It is what it is – People should take all success and failures in their strides equally well

Dan's inspirational session was followed by presentations from SSN and VidyaGyan, which then set the stage for a truly wonderful talk by Anish Andheria, President, Wildlife Conservation Trust.

- He talked about his conservation efforts and the known and unknown repercussions of the extinction of some species on the nature as well as human beings
- He spoke about how conservation efforts can only be sustained by integrating knowledge about the importance of conservation with school education, to produce a generation of responsible citizens

Post lunch, the interactive drumming and Zumba dance sessions kept people well and truly on their toes, interspersed between engaging presentations by KNMA, Shiv Nadar University and Shiv Nadar School, along with a street play presentation by the Shiksha Initiative team. Then came the session most keenly anticipated by the audience as **R. Madhavan**, celebrated Tamil and Hindi movies actor took the stage.

- He spoke candidly about his successes and failures and how one must always be prepared for any opportunity that comes his way
- In an interview with **Sundar Mahalingam**, Chief Strategy Officer, Shiv Nadar Foundation, he spoke about the importance of always being a student and having the ability to continuously unlearn and learn the changes in this ever evolving world
- Giving his opinions on philanthropy, he said that it was more important for philanthropy to come from within and that just being a responsible and law abiding citizen is philanthropy as well

**Mr. Shiv Nadar**, Founder, Shiv Nadar Foundation, delivered the concluding address, asking the audience to not let this day be just a one-off event. He encouraged people to continue conversations beyond this forum, regularly.

The event has been wonderful opportunity for the faculty at SSN to interact with our counterparts in other institutions of The Shiv Nadar Foundation, which is 20 years old and in this short span really grown exponentially only in the past few years in terms of the number of institutions, their reach, students, alumni, employee strength and impact. The conclave achieved its objective of helping us reflect on what we have achieved, to learn from experiences outside our immediate work domains and to exchange ideas and best practices. This certainly, has been, an opportunity for the best minds of the Foundation to come together.



## HON'BLE PRESIDENT OF INDIA, INAUGURATES SHIV NADAR UNIVERSITY



Hon'ble President of India, Shri Pranab Mukherjee formally inaugurated Shiv Nadar University and dedicated it to the Nation on January 18, 2016. With this event Shiv Nadar University reaffirms its commitment to be a University that will make India illuminate the world with the light of knowledge. The President also laid the foundation stone for the faculty residential complex and felicitated the winner of the inaugural HCL Grant.

Hon'ble Governor of Uttar Pradesh Shri Ram Naik was the Chief Guest of the occasion accompanied by Shri Shahid Manzoor, Hon'ble Minister of State, Labour & Employment, Uttar Pradesh who graced the occasion as a distinguished guest. Speaking on the occasion, the **Hon'ble President, Shri Pranab Mukherjee** said, "As a country with one of the world's youngest population, India's success lies in its ability to leverage its demographic dividend. Education plays a very significant role in not only empowering the youth but also in nation-building. The most prestigious and reputed universities globally have been built on the fundamental pillars of excellence – meritocracy, flexibility to explore, freedom to challenge oneself and grow from failure, and most importantly, innovation and research. In a relatively short span of time, the Shiv Nadar University has emerged as one of India's leading private universities. I believe the Shiv Nadar University will emerge as

a landmark institution, critical to nation-building in the 21st century and beyond and in time, will also take its rightful place among the pantheon of great universities of the world. It is my honour to dedicate the Shiv Nadar University to the nation." During the event, **Shri Ram Naik, the Hon'ble Governor of Uttar Pradesh** observed that "Indian universities do not have any significant global presence. The main reason for this could be the lack of interest in innovative thinking and research. I am happy to know that research is one of the most important components of the eco-system of Shiv Nadar University." **Shiv Nadar, Founder & Chairman, HCL and Shiv Nadar Foundation** said, "I am extremely grateful to have the Hon'ble President of India Shri Pranab Mukherjee with us here at Shiv Nadar University today. The Shiv Nadar University has come a long way, from a small building on a 286-acre land four years ago. We have now grown into a vibrant residential campus with over 2000 students, 184 faculty members and nearly 2 million sq feet of built-up space. I echo the hon'ble President's views that research-led education is fundamental to nation-building. In developing countries the research universities have crucial roles to play in creating differentiated and effective academic systems, and in making it possible for their countries to join the global knowledge society." "We are committed to our mission of nation-building and empowering the youth. With our emphasis on multi-disciplinary learning, a student-centric approach and a strong focus on research, we are constantly working to play a key role in raising the benchmarks of Indian higher education," Mr. Nadar further added.

### THE HINDU AWARD FOR MRS. KALA VIJAYAKUMAR

**KALA VIJAYAKUMAR, PRESIDENT, SSN INSTITUTIONS**

The greatest challenge that Kala Vijayakumar faced was finding the right balance between family and work.

"Women are known to be good at multi-tasking and I had to manage both my family and work," she says.

"Both had to be nurtured and I am glad to look back and see that I have been fairly successful in both the responsibilities." There was no dearth of inspiration for Kala Vijayakumar at different stages of her life. "My mother, teachers and professors, and now, even my daughters inspire me." Advising young women on the importance of education, Kala

says, "Education is a great enabler and we are working towards making it available to women from all sections of the society. We can definitely 'Make it Happen.'"



Mrs. Kala Vijayakumar, President, SSN Institutions was featured by **The Hindu** in the list of enterprising and inspiring women who have pushed the boundaries at all times on the occasion of International Women's Day. She was featured alongside Preetha Reddy of Apollo Hospitals, Dipika Pallikal, Squash Player and several others.

The Hindu - International Women's Day Chennai - Mar 07, 2015



## TAMIL SECTION

சிறுகதை

## ஜன்னலோரக் காதல்

காலை 9 மணி விறுவிறுவென வண்டியை பார்க்கிங்கில் நிறுத்திவிட்டு ரயிலைப் பிடிக்க ஓட்டம் எடுத்தான் சுரேஷ். அன்று சனிக்கிழமை என்பதால் கூட்டம் பெரிதளவில் இல்லை .. வாரத்தில் ஏழு நாட்களும் வேலைக்குச் செல்லும் சுரேஷ், அன்று ஒரு பெரிய வித்தியாசத்துடன் ஒன்றும் இல்லை.. வழக்கம் போல் ரயில் புறப்பட ஆரம்பிக்கையில் ஏறிவிட்டான். நெரிசலில்லாப் பெட்டியில் ஜன்னலோர இடமாகப் பார்த்து அமர்ந்தான். தினமும் ஒரு மணி நேரம் பயணம். நான்கு இடை- சந்திப்புகள். உள்ளே வைத்திருந்த செய்தித்தாளை எடுத்துப் புரட்ட ஆரம்பித்தான். எல்லாத் தலைப்புச் செய்திகளையும் படித்துவிட்டு சினிமா பக்கத்துக்குள் சென்றான். படப்பிடிப்பு எடுக்கப்பட்டுவரும் படங்களின் விமர்சனமும் வாசித்தான். திடீரென ரயில் நின்றது. வெளியே என்னவாயிற்று என எட்டிப் பார்க்க....முதல் சந்திப்பு வந்தது. காலையில் நேரமாகக் கிளம்பியதால் தேநீர் அருந்திவிட்டுச் செல்லலாம் என்று ரயிலைவிட்டு கீழே இறங்கினான். கடைக்காரரிடம் பத்து ரூபாய் தேநீருக்கு 100 ரூபாய் நீட்டினான். சில்லறையைத் தேடிய அவர் தாமதமாக எடுத்துவர ரயில் நகர ஆரம்பித்தது. ஒரு கையில் கூடச் கூட தேநீருடன் மற்றொரு கையில் சில்லறையைப் பெற்று ரயிலில் ஏற ஓடினான் சுரேஷ், இருக்கையை தேடிச் சென்றான். தான் இருந்த இடத்தில் ஒரு விலை உயர்ந்த பை ஒன்று இருந்தது. அதனருகே சென்றான். பிரிக்கலாமா வேண்டாமா என்ற சிந்தனை. அதை அப்படியே தொடலாம் எனக் கையை எடுத்தான். பையின் ஓரத்தை மெதுவாகப் பிடித்தான் ... அதற்குள் சலசலவென கொலுசு சத்தம். யாரோ அவனை நெருங்கி வருவதுபோல் ஒரு சத்தம். திறந்தப் பையை உடனே நன்கு மூடிவிட்டு சடசடவென செய்தித்தாளை புரட்ட ஆரம்பித்தான். டக்கென திரும்பினால் நீல நிற பாவாடை சட்டையுடன் இரட்டை பின்னல் போட்ட சிறுமி...போன மூச்சு வந்தது சுரேஷுக்கு. அந்தக் குழந்தை இவனை நெருங்கியது. கையைத் தட்டியது. ஒன்றும் புரியாமல்

குழப்பத்துடன் எட்டிப் பார்த்தான். குழந்தை, தூக்கி இருக்கையில் உட்கார வைக்கச் சொன்னது. அந்தப் பையை மெதுவாக மடியில் வைத்தது. அதனை திறக்க முயன்ற போது சுரேஷ் உதவி செய்தான். திறந்தால் தான் தெரிந்தது,பை முழுவதும் அந்தக் குட்டி “கீர்த்தி”யோட விளையாட்டு பொருட்கள். ஒவ்வொன்றாய் எடுத்து சுரேஷிடம் காட்டி, விளையாட ஆரம்பித்தது.இரண்டு சந்திப்புகள் கடந்தது. பின், விளையாட்டின் களைப்பில் ஓய்வு எடுத்த கீர்த்தியிடம் பெற்றோர் எங்கே என்று கேட்டான்.கையை பிடித்து இழுத்து சென்றது. பக்கத்து பெட்டிக்கு இருவரும் சென்றனர்...”அம்மா...” என்று கீர்த்தி போய் தாயின் மடியில் அமர்ந்தது. பார்த்தவுடன் தூக்கி வாரிப்போட்டது... பார்த்தால் மூன்று வருடம் முன்பு ஒன்றாக வேலை பார்த்துக் கொண்டிருந்த கல்பனா!

திடீரென்று உரத்த குரலில் “சுரேஷ்” என்று அவர் காதில் ஒலித்தது...யாரென்று பார்க்கக் கூட அவன் திரும்பவில்லை ... மூன்று வருடங்களுக்கு பிறகு அல்லவா? எப்படி ஐந்து வருடக் காதலை மறப்பது... திரும்பவில்லை, மறுபடியும் “சுரேஷ்” என்ற குரல்... இந்தமுறை காதோரம் கண்ணீர் துளிகளுடன்...ஆம்!. விழித்துப் பார்த்தால் கடிக்காரத்தில், மணி 8.30 ஆயிற்று. வழக்கம்போல் கையில் துண்டையும், பக்கெட்டையும் எடுத்துக் கொண்டு விடுதியின் குளியலறை வரிசையில் நின்றான்....

[இப்படிப்பட்ட இயந்திர வாழ்வில், கனவிலாவது அன்பையும் காதலையும் பகிரும் அளவிற்கு வந்துவிட்டது. .. சுரேஷ் போல் ஐந்து வருடமும் ரயில்(கனவு) காதல் இல்லாமல், வாழ்க்கையை இன்றிலிருந்தாவது ரசிக்க ஆரம்பியுங்கள்].

நாட்சியம்மை  
தகவல் தொழில் நுட்பவியல்

## தாயின் இறுதி அன்பளிப்பு

16 வயசுலேயே மகன் தன் அம்மாவிடம் “என் 18வது பிறந்தநாளுக்கு என்ன பரிசு தரப்போகிறீர்கள்?” என்று கேட்டான். தாய் அதற்கு “அந்த நாளுக்கு இன்னும் நிறைய காலம் உள்ளது” என்றார். அந்த மகன் தன் 17வது பிறந்தநாளை கொண்டாடி முடித்த பிறகு உடல்நலம் குன்றிவிட்டது.அந்த தாய் தன் மகனை மருத்துவமனையில் அனுமதிக்கிறார்.அங்கு மருத்துவர்கள் தாயிடம் “உங்கள் மகனின் இதயம் வலிமை குறைவாக உள்ளது” என்கிறார்கள். அந்த மகன் மருத்துவமனையில் தன் தாயிடம் கேட்கிறான், ”அம்மா நான் இறந்து விடுவேனா?”. அந்த தாயின் கண்களில் கண்ணீர் மல்கியது. அந்த சிறுவன் தனது 18வது

பிறந்தநாளன்று குணமடைந்து வீடு திரும்புகிறான்.அங்கு அவனது அறையில் அவன் படுக்கையில் ஒரு கடிதம் இருந்தது. அதை அந்த சிறுவன் எடுத்துப்படித்தான். அதில் எழுதியிருந்ததாவது “உன் 18வது பிறந்தநாள் பரிசு என்ன என்று உனக்கு கூறவில்லை.அதை நான் கூறவும் இயலாது. ஏனென்றால், நான் இதயமாய் இருக்கிறேன்” என்று இருந்தது. அந்த தாய் தனது மகனின் 18வது வயது பிறந்தநாள் பரிசாக தனது இதயத்தை அளித்துள்ளார்.

ஜி.கோபிநாத்  
இரண்டாம் ஆண்டு B.E. இயந்திரவியல்

## The first Conference at the department of English - A new Beginning



The Department of English organized the first National Conference on "Teaching English Language to the 21<sup>st</sup> Century Learners". Prof. Jacob Tharu, Former Head, Department of Testing, EFLU, Hyderabad was the Chief Guest and delivered the plenary address. Dr. Tara Ratnam, Teacher Educator, Bangalore, and Dr. Kandiah Shriganeshan, Head of English Language Teaching Unit, Vavuniya Campus, University of Jaffna, Sri Lanka were Guests of Honour.

## TRIBUTE 2016



Tribute is an annual event of the SSN Alumni Association held at the college premises every year. This year, Tribute was organised on 2<sup>nd</sup> January 2016. Tribute

2016 is a special event for quiet a few reasons.

The 15th Anniversary for the 2001 Batch (the first batch) was celebrated during this occasion. Madanish Kanna, the president of the SSN alumni described the event as 'an event to cherish our accomplishments and remember our good old times in college'.

The US chapter of SSN Alumni Association started celebrating 'Tribute' from this year. Shyamal Rao Palli, the president of the US Chapter of the association points out, 'The USA Chapter of SSN Alumni Association is glad to inform you that we have reached the next level to extend Tribute (annual flagship meet held in SSN Campus on first Saturday every year) to United States from this year onwards'.

SSN strives to keep its contact with the Alumni and connect them with the students studying at the college. This connection with the past has been a fruitful experience for all parties concerned, the institution, the present students and the Alumni

## Fourth Edition of SYCon



The Entrepreneurship Development Cell of the SSN College of Engineering, Lakshya organised the fourth edition of the innovative conference SYCon 2016, and had over 1000 students participating in it. Inspiring speeches were given by successful entrepreneurs including Krish Subramanian sharing their success stories. The objective was to inculcate a spirit of entrepreneurship in the students and the event was a grand success in realising that end. see [http://www.ssn.edu.in/?page\\_id=11570](http://www.ssn.edu.in/?page_id=11570) for coverage in the press.

## SSN Research Day 2016

SSN Research Day , 31st March 2016 was an event of solemnity, significance and more importantly a spectacle of inspiration for budding as well as existing researchers. P.V.Ananthapadmanabhan, formerly Member Secretary of BRNS and former Head of the Thermal plasma Technology Section, BARC, was the chief guest and his speech placed the idea of research in an institution like ours in the right perspective. Mrs. Kala Vijayakumar, President SSNCE appreciated the efforts of the faculty and students in pursuing research and publishing a good number of papers in journals of repute. She motivated them to step up this spirit of inquiry and make their research work a rewarding experience to the society at large. The ultimate objective of our research in science and technology, she reinforced, should be to reach out to the needs of the country. She appealed to the faculty to pursue research that is academically rewarding, and socially relevant in keeping with the philanthropic outlook of the founder of SSN Institutions, Mr. Shiv Nadar. Incentives in the form of cash rewards were offered to the deserving faculty.

## ENGINEERING: BOON OR CURSE?

In today's so called competitive world, our country is literally a "manufacturer" of first class engineers. Let them be IITians, or even a guy from a local college, he's still an engineer! Yes, it's alright to keep our pride from production, sadly, with Kalam sir being one of the very few to even stay in the country! As controversial as this topic may seem, it also reflects a sad state of many of the present and upcoming generations to come. Stereotypes, pressure, pride.. these 3 things play a greater role in the life of many than happiness, peace, and ironically money!

Every student has this certain "agenda" to fulfil:

Finish your 10th and 12th, Get, 'up to the mark' grades or marks, and run..run..get set, GO! Literally spend the next 3 months searching for a good college!... the country is literally overflowing with engineers that the degree has lost its value! One goes to an engineering college and ends up doing something that is irrelevant...some study, work, and lead that automated life that most of us start to lead from college (only difference, in college there is enjoyment, and no bills). It's actually really sad to know that we don't know how to use our own resources...to recruiting and respecting new ideas...our own men make up from 1/4th to half the population of working people in other countries! Why? because of the thought that we won't get a stable environment here!

Coming to the boon, yes, it IS a boon..hard to believe but I honestly believe we deserve some recognition for producing some hard working souls...we've a boon, because we've been able to create our own workforce with the human resources we've got, it's because, we can proudly say that we have some good "quality" engineers (at least one per household), not to forget innovation, as ISRO would suffice!

Well, on the not so brighter side, we have an overflow, two, not as many jobs, but research centres,(even then, our generation is aimed at having a comfortable job, so "eyes on the job, and the gpa")...third, it's become a "fashion"...a "necessity" rather than "interest", so we produce "money engineers" than the actual ones...and many more reasons to come.... if you do medicine, you become a doctor, if you do law you become a lawyer, well, if you do engineering,

you can become a part of the middle class working family or the other part that does research (pretty rare these days!)...we don't have specifications and no one knows what they're gonna become after education...only a handful are contributing as an engineer to our own country..and the rest...I think we know where they are now..

It may not seem much to talk about, and just another "trend" that's been opposed...but we seriously need to filter our manufacturing...let the pressure lower down..so, that we give the upcoming generation a chance to contribute in their own ways...everyone would do so..if they were given a chance ....

Wrapping up this painful concern...the best we could do from our side would be to encourage what the generation does best..and make the most of our existing and upcoming engineers...now, don't you think it's about time we make engineering a permanent boon?

Another one of your rantings from an engineer in the making, looking at reality.

**Vyshali C** | B.Tech (IT)

## REPORT ON INSTINCTS 2K16

Based on the theme '**Celebrating the Comeback of Chennai**', the **eleventh version** of INSTINCTS astounded spectators bettering all expectations. With over 30,000 footfalls and 45 events conducted, **INSTINCTS 2K16** was indeed a grand success. The inaugural witnessed the presence of actor Shrikanth of "Nanban" fame. This year witnessed a special event titled, "Naan Veezhven endru nenaithaayo", where a few people who worked selflessly for Chennai floods, were recognised and honoured. The short film contest, 'Reels of Fire', screening about 10 world class short films, were judged by established movie directors, Linguswamy and Ram. 'Instincts' concluded with a most awaited Pro Show, where 'Super Singers' Deepthi Suresh, Narayanan, Sai Charan and Parvathy completely enchanted the audience with their mesmerizing voice.



# INSTINCTS 2016



# VIBRATIONS

April 2016



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