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IT DEPARTMENT HALF YEARLY

INSIDE THIS ISSUE

This issue highlights the skill and creativity of the young and energetic information technologists. The poems, photos and articles portray inventiveness, originality, imagination and ingenuity. Identity aims to invoke the hidden endowment and carve your own identity in the society.

NEVER UNDERESTIMATE THE POWER OF STUDENTS

For decades, some of the most creative and breakthrough ideas have come not from CEOs and power brokers but from students who didn't let anything hold them back.



Bill Gates and Paul Allen were teenagers when the idea of the personal computer and the software industry first occurred to them. When Steve Jobs and Steve Wozniak invented machines that popularized the household computer, they were 21 and 25. At just 19, with only a thousand dollars in the bank, a University of Texas student started building and selling PCs from his dorm room. That student was Michael Dell, founder of Dell .

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WHAT IF THE CURRENT SYSTEM OF EDUCATION CHANGES?

We are in the modern world which is developing drastically in all kind of fields. This development is mainly due to the rise of ideal students from various generations. Let us consider Edison, Einstein or Graham bell were not born in this world. Would this kind of development be possible today? Nope, we wouldn't be up to this level in this period. This is because those scientists mentioned above were just starters. They formulated an innovative idea. Those ideas were developed, upgraded and modified by the scientists and students of various generations. We know that Edison invented the electric bulb. What if inventions stopped with electric bulbs? We wouldn't have seen fluorescent tubes, solar lights etc. So what I infer is that inventions keep on increasing day-to-day but statistics shows that new inventions are reduced when compared to the start of the 20th century. Innovators are only modifying the inventions made by our ancestors.

Most successful people keep on saying that the future lies in the hands of students. Yes that's absolutely right. Do the students of this modern age feel satisfied with the current system? Parents, teachers, politicians might be satisfied with the current system but most students are not. We feel like we are fish in bowl and the bowl is like school. If the fish grows they are put it in the water tank. The water tank is a metaphor to college. Although fish survives sufficiently it is left unsatisfied just as how we students feel. Nowadays, education is provided just to have a degree behind names and to qualify for some survival jobs. It should not be kept same in the upcoming generations.

Though Indians succeed in various fields like sports, culture, agriculture, business, administration, astrology, etc., educational approach to students is not notable as in other countries. Examinations are just held to make students go to next level of studies. Those exams alone should not decide the capability of an individual student's knowledge. As a student, I have seen my friends who excel in innovative ideas and basic knowledge but lack sufficient grades. Nearly 60% of total students of our country are under this category, the current system doesn't provide basic platform to prove themselves. If they were encouraged from school and college days itself to pursue their ideas instead of focusing on grades, our nation will come up with at least one scientist annually from every state.

As by our former president **Dr.A.P.J Abdul Kalam**' words,

“Learning gives us thinking

Thinking gives us creativity

Creativity gives us knowledge

Knowledge makes us great”, basic learning is needed for students to shine in their life.

The issue with the current system in its day-to-day development is that it might reduce creative thinking among students. So the change in the current system with the motivation of all students irrespective of their grades needs to be made.

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56% of typing is completed by your left hand.

DAY SCHOLAR TO HOSTELLER

It was day one in Chennai. I might have visited Chennai a couple of times in my life before but for the next years, this city was going to be my hometown. My native is Trichy and I did my schooling there. Ahh! A city which I will miss for the next 4 years. I lived with my parents since my birth and from that day was going to be alone for the first time in my life. Well I'm pretty much excited about it though!!!

Basically, being a loner from childhood, I managed to live alone very easily. All I needed was a little privacy to my life, so I forced my dad to not to enroll me in hostel, instead allowing me to stay in a room in a nearby area from my college. Well of course initially I struggled to keep track of my life well you know because this is my first time out alone. College yes I struggled to keep track of classes, and well I was very slow at making friends and of course I couldn't even talk to girls of my class.

Well as the days went on I became cool with everyone. I was getting used to college. Yet still I needed my privacy, I continued to stay in my room alone instead of joining hostel. Yes to be frank, I didn't like hostel very much, because of this privacy issue. I thought my life will be in that room for the next 4 years like this, but only god knew what happened next.

First six months, I was very good at my grades. The second semester, I was too lazy to study and being made new friends, I started to enjoy my life a bit more. I started bunking, dreaming and roaming in my college. These so called enjoyments, made me feel a lot when it affected my test reports. I knew then that I could manage anything alone in my life but not academics anymore. So I passed my 1st year with great difficulty and so here I am in the hostel from my senior year. Well I've got to admit hostel isn't bad after all. It's all about the new friends you make there. The more you make, the happier you will be. Yes, this hostel affected my privacy a lot, but I'm loving it. Also I learned more about responsibility in hostel than I could ever learn as a day scholar. Well according to me, everyone should be a hosteller at least once to know the reality of life.

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DID YOU KNOW?

- Your tongue is the fastest healing part of your body.
- Women's hearts beat faster than men's.
- Earth is the only planet not named after a god.
- If your DNA was stretched out it would reach to the moon 6,000 times.
- The safest car color is white.
- Scotland has the most redheads.
- Scorpions glow under ultra violet light.
- Crocodiles are color blind.
- Spiders have transparent blood.

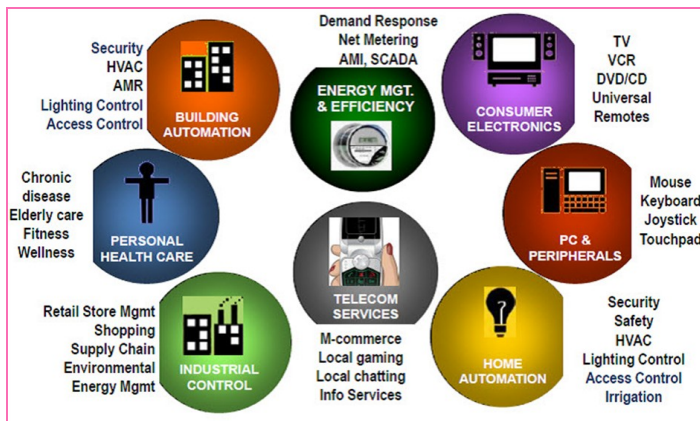
34% of Microsoft employees are Indians.

ZigBee

ZigBee is an IEEE 802.15.4-based specification for a suite of high-level communication protocols used to create personal area networks with small, low-power digital radios.

The technology defined by the ZigBee specification is intended to be simpler and less expensive than other wireless personal area networks (WPANs), such as Bluetooth or Wi-Fi. Applications include wireless light switches, electrical meters with in-home-displays, traffic management systems, and other consumer and industrial equipment that require short-range low-rate wireless data transfer.

Its low power consumption limits transmission distances to 10–100 meters line-of-sight, depending on power output and environmental characteristics. ZigBee devices can transmit data over long distances by passing data through a mesh network of intermediate devices to reach more distant ones. ZigBee is typically used in low data rate applications that require long battery life and secure networking (ZigBee networks are secured by 128 bit symmetric encryption keys.) ZigBee has a defined rate of 250kbit/s, best suited for intermittent data transmissions from a sensor or input device.



Typical application areas include

- Home Entertainment and Control — Home automation such as in QIVICON, smart lighting, advanced temperature control, safety and security, movies and music
- Wireless sensor networks — Starting with individual sensors like Telosb/Tmote and Iris from Memsic
- Industrial control
- Embedded sensing
- Medical data collection
- Smoke and intruder warning
- Building automation

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Leonardo Da Vinci invented the scissors.

EVERYDAY MUSINGS OF A COUCH POTATOE . . .

Can we do what we have set out to do? Can we achieve all our goals? It is a mystery that baffles us. It is a mystery that unsettled us. And it is a mystery that rattles, unnerves and turns our insides to jelly.

So I ask you again, can YOU achieve what you have set out to conquer? It is the one fickle question that we all face at some point in our lives. The real question always remains the same. HOW do we get over this unspeakable fear and succeed??

One can finally understand why the people who have succeed and accomplished great things are praised and raised to great heights. It's because this is no simple task. At first, when we are young and the world is at our feet, we feel like we can do anything and become anyone. But soon, the cold hard reality sets in. And we begin to realize what it really means to make something of ourselves. Suddenly, it becomes a herculean task to achieve success and the ever growing fear and self doubt eat away at our glowing resolve. At first, our Will grows dull. Then, it begins to flicker. And finally, it ends up being snuffed out.

How do we stop our Will from being consumed by this madness? The only way is to nurture it. Nurture it with the qualities of hard work, confidence and perseverance!

These qualities are not just a bunch of words. If you feel that they are, you may never achieve true success. These qualities must be our motto. They must become what our lives revolve around. They must become the very air we breathe. That is how we can surely achieve our ideals and goals. That is how we truly can become great.

Even if, this simple truth is well known and often passed on. We grow lazy and tired. Only the one with the strongest Will may succeed, this is said for a reason.

So strengthen your Will! Conquer each day as it comes. Leave no day unbroken. Leave no stone unturned. And always remember never forget the joy of living. Never lose hope and never lose the life inside you. Always love your Life and you can surely and truly achieve success, by your own standards.

“Live your life,
Love your life”

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There is a city called Rome on every continent.

#SSNELC

I guess all of you must have seen enough of these hash tags until Instincts 2K16 came to an end. So here is one last hash tag that you need to check out!

Being an organizer for the English Literary Club (ELC) events this year was a package of learning, work, fun and excitement. The third years as we are referred to for absolutely everything, had to learn the tricks of the trade to carry it on for the next year. So we made sure we were around and took upon ourselves some different tasks hoping to do our best.

Six ELC events was covered across two days of Instincts. The events were Debate, Lawyer-up, JAM, Shipwreck, Potpourri and Creative writing. Also, something new we tried out this time was the ELC Lounge. The lounge was a pit stop to hang around and simply chill. Various games such as Taboo, Pictionary and Charades were organized for participants who just happened to wander into the lounge. These games had wonderful prizes to look forward too.

Our events' judges were simply wonderful. Obviously for them, entertaining the audience was a piece of cake and keeping the contestants gripped on to the competition was the icing on that cake. Funny, sarcastic, spontaneous are adjectives that come naturally to these youngsters who have been judging events for I don't know how long. I am pretty sure they enjoyed themselves as much as we did!

Personally, I love involving myself with the numerous activities of the club and Instincts as a whole. It was a wonderful experience organizing my first event, handling sponsors, deco work, volunteers, judges and so much more. I keep mentioning fun and the reason behind that is my enormous team of friends interested in exactly the same things. I got to hang around with a brilliant bunch of people who were a part of the organizing committee including my seniors and juniors. This wouldn't have been half as good if it weren't for my fellow friends who were a major part of all this.

So now we know that this is just the beginning. Beginning? Yes! It's a kick start to something called the "final year" that's approaching much faster than I expected it to. Suddenly I have started realizing that we are going to be the oldest batch in college who need to take up numerous responsibilities. One thing is for sure, we have learnt a great deal from our seniors and we know where the expectations stand. We shall meet those and maybe even raise the bar. You never know!

DID YOU KNOW?

- The three most common languages in the world are Mandarin Chinese, Spanish and English.
- The most commonly used letter in the alphabet is E.
- The word 'rhythm' is the longest word without a vowel.

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'Orology' is the study of mountains.

You, Left Me!

Mom! Can't you see?
Without you I can't be.
The memories of you, they pierce
My heart and they bring tears.
For everything you did for me,
Will I ever be able to repay?
I love you Mom, can't you see?
I have no words to say!

You left me alone,
In this world of Evil,
And now since you are gone,
I feel desperate and feeble. ?
And now I cry, into the dark,
With damp eyes, I go to sleep.
I walk alone in the park,
My pain is so deep.

No Mom! You can't hear,
Otherwise, you wouldn't have been the way you are...
And I know no more you care
Because, because you have gone so far!



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'Acrophobia' is the fear of heights.

THE DAYS OF DELUGE

Deluge, the word alone is enough to remind every Chennaiite of the month of November 2015. It's true these days were morose and challenging for most of the people but for students in the hostel, it was quite a different story. Giving ourselves the final revision before the last exam on 30th Nov our moods switched instantly from tense to glee upon the announcement of the postponement of the exam. To celebrate this elation of ours, my friends and I decided not to leave town yet and hit the screens to watch 'Spectre', the James Bond movie that was out that time. That decision turned out to be the biggest regret of the year.

Right after the movie ended at 7:00 pm, we decided to have our dinner at a restaurant and return to the hostel by 9:00. This plan was foiled when the rain God started his downpour. We managed to get into the hostel despite the continuous downpour by 11:00 pm drenched and dripping from head to toe only to find the power to be shut down. The next day we were even skeptical to find water above our knees outside the hostel making commutation a problem for those of us who wished to go home. Further more the shutdown of power led to the depletion of drinking water in the tanks. It was just like the lost seaman's saying goes "Water water everywhere but not a drop to drink". The water outside and continuous rains made it difficult for us to walk to the mess and so, we decided to spend the time in our rooms. With charge on our laptops and phones running out and the lack of snacks and water the day we became more and more ennuui by the minute. Water had entered the mess and made the preparation of food practically impossible. All we had were two packets of biscuits and a bottle of packaged water to be split among six of us. Several bonds and friendships were broken over those biscuits is all that I can say. However, with the absence of modern gadgets and social media, we began to entertain ourselves with the classic games of hide and seek, truth or dare and UNO cards. Time usually spent on our smart phones was spent on chit-chat talking about our dreams and getting to know each other more. Conversation became so close that several 'crush' secrets from school were revealed. Incognizant of the disaster in the city, time was spent by making merry. Dinner was delivered to us at the hostel at around midnight. It was at that time that I realized how barbaric humans can be when it comes to food in spite of being highly educated. Well I guess a species can never hide its true nature. The next day was comparatively better with power back on and the mess functioning as usual. It was then that we became aware of the situation outside. All we could do was pray for the ones who were suffering. The following day all of us returned to our home and into the care of our beloved parents with flood only in our memories.

Only through the news did we understand the situation we had been in. However, those days of deluge were days of bonding and joy. They were days of laughter fun and frolic. Today it's nice to sit back, relax and talk about



those days. These rains have reminded every citizen about our duties to mankind. We have been taught that wealth, power and fame is of no use before nature and that love and care for humanity is more important for life. Today I feel that the floods did a bit of good in the disaster that it caused, and that is to change mans perspective on life.

Ants can lift 50 times their own weight.

MY SOULMATE

We were Friends and all was good,
I considered my life was food.
I sat there studying all day,
Sometimes write poems as I may.

I met you, my life had changed,
All loneliness of my life was stained.
I smiled every day, that's for you,
I never felt this way, it was all just new.

You gave surprises, you made me happy,
I was giddy with happiness, just like a puppy.
You touched me, you kissed me,
You made me someone, whom I always wished to be.

I knew that day, those eyes never lied,
Where parting was the reason why your eyes cried.
Addiction got us, and we suffered a lot,
Yet we held each other close, and so bravely we fought.

We were each other's strength, and we still are,
It doesn't matter how close or how far.
We both were hurt, and suffering,
We didn't know why this was happening.

Misunderstandings happened, we moved away,
But we realized soon, our heart weren't made that way.
We talked, we cried, we missed, we loved,
Because all our problems, we knew had to be solved.

It never was an option, to give up or suffer,
Because we knew we wanted to be Together Forever.
I hugged you, you hugged me back, and we couldn't stop crying,
And we looked into each other's eyes, knew they weren't lying.

All we needed was to be in each other's arms,
We knew we didn't need any of those charms.
We wanted to smile every morning and night,
To sleep peacefully holding each other tight.

If I am your moon, you are my sunshine,
Because all I know is, I am yours, and YOU are mine.

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There are over 7,000 different types of apples.

மழைச்சாரல்

மழைச்சாரல்,
நீ எடுத்து வரும் மழைத்துளிகள்,
தேவர்களின் தீர்த்தமாகவும்,
முன்னோர்களின் ஆசிர்வாதமாகவும் இருக்கலாம்!!!!
உனது ஓசை,
தேவனின் இசையாக எதிரொளிக்கின்றது!!!
உனது காற்று,
எம் சருமத்தை மெல்ல வருடிச்செல்கின்றது!!
உனது துளிகளில் நனைந்த மலர்கள், மரங்கள்,
தலையாட்டி பொம்மைகளாக மாறி
தன் மகிழ்ச்சியை வெளிபடுத்துகின்றன..!!!!

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செமநையாண்டி போங்கள்! அபாரமான கவிதை. உங்கள் நகைச்சுவை உணர்வு உங்களை வாழ்க்கையின் பல உயரங்களுக்கு இட்டுச்செல்லப்போவது உறுதி. மேன்மேலும் உங்கள் கவிதைத்திறனை மெருகேற்றிக்கொள்ளும் இடம் உங்களிடம் நிறையவே இருக்கிறது. நிறைய கவிதைகளை வாசியுங்கள். உங்களைச்சுற்றி நடப்பவையின் அழகியலை இரசியுங்கள். அவற்றை வார்த்தையில் வடிக்க முயலுங்கள். மேலும் மேலும் எழுதுங்கள்.

உங்களது மேலான ஆதரவும் பங்களிப்பும் சாரல் தமிழ் மன்றத்திற்கு அவசியத்தேவை. வாரம்தோறும் கவிதைப்போட்டியில் கலந்துக் கொள்ளுங்கள். இந்த ஆண்டு முடிவதற்குள் உங்கள் முதல் கவிதைக்கும் கடைசி கவிதைக்கும் இடையே உள்ள வித்தியாசத்தை நீங்களே நேரடியாக உணர்வீர்கள். உங்கள் கவிதைத்திறனும் வார்த்தைகளைக் கோர்க்கும் நேர்த்தியும் பல மடங்கு வளர்ந்திருக்கும். தொடர்ந்து எழுதுங்கள். வாழ்த்துகள்,
சாரல்தமிழ்மன்றம்.

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Perth is Australia's windiest city.

கடற்கரை

கரையுடைய கடல் எனினும்
 அறிவியல் பெருகும் உலகினிலே
 உன்னை அளக்கதான் முடியுமோ
 இப்புவிதனிலே!!
 பல உயிர்களை குடி கொண்டும்,
 உன் வெளித் தோற்றமானது
 பல வாழ்க்கை தத்துவங்களை
 எடுத்துரைப்பது போல் உணர்வது
 என் மனிதத்தன்மையோ?
 அல்ல அதுவே உன் இயல்புத்தன்மையோ??
 மஞ்சள் வெயிலில் ஒளிரும் போதும்,
 நிலவின் ஒளியில் மினுங்கும் போதும்,
 பல கவியில் ஒப்பிடப்பட்டிருக்கும் உன்னை,
 கரைக்கடந்த அமைதியின் சான்றாய்
 உவமையிட என் மனம் விரும்புகிறதோ??
 உழைத்துக் களைத்தவன் இளைப்பாரவும்
 துயரில் விழுந்தவன் ஆறுதல் பெறவும்
 ஏழைக்கு, செலவாக விருந்தளிக்கவும்
 பணமுடையவன் உலகறியவும்
 பலருக்கு வாழ்வாதாரமாய் பங்களிக்கவும், என
 உன் சமத்துவ சமூகசேவைகள்
 என்னை மெய்சிலிர்க்க வைக்கின்றன!!
 சிறு வயதில் விளையாட்டுத் தோழனாய்,
 இளம் பருவத்தில் காதலின் தோழியாய்,
 முதுமை பருவத்தில் சிறு பிள்ளையாய்,
 என்னுடன் கைக்கோர்த்து,
 எதிர்பலன் எதையும் எதிர்ப்பார்க்கா
 கதாபாத்திரமாய்,
 என் வாழ்வில் நுழைந்திட்டதை
 இக்கவி எழுதும் தருணமே உணர்கிறேன்
 என் கறைப்படியாக் கடற்கரையே!!

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A group of frogs is called an army.

THE GREATEST OF MEN

Which men do we consider great? Who among us mortals can aspire to be called a "Great Man"? How do we identify such individuals? Is there some benign deity up above making subtle decisions on our lives? Or is it a higher force that influences us ever so slightly? These questions, I feel are very important to be answered and are quite possibly essential to us college academicians at this stage in our lives. So let me begin by writing one thing first. By "Men" in this article I refer to us humans and am in no way sexist.

Let me point out some key aspects of greatness I have witnessed firsthand in my life. (Simultaneously I would like to do away with the clichés in this genre of writing). Believe me when I say greatness is not a man with a crisp, neat and ordered resume. Greatness is seldom seen in those with such preciseness in their lives. I believe it dwells in the hearts of those who embrace the entropy of the world around them. I sustain my argument by stating further that many an amazing individual has led a life that involves a hazy collection of fond memories. Let me clarify my statement by suggesting that our resumes are not the things that define our lives... Rather our lives that define our resumes. Understand that "going with the flow of life" is not a lost concept. I see greatness in everyone who has embraced the randomness of life. To sum it up: It is better to go where life takes you, rather than plan every single step of your lives.

The next aspect of greatness I would like to address is dignity. You see, dignity is overrated. Dignity is the sophisticated sibling of Shame, both of which should not be present in great man. Think about every great orator or speaker you have ever seen in your life. You might think to yourself "Wow you need a lot of guts to pull that off!!". I'm here to tell you that is not at all true. Guts have nothing to do with it. The true power of a speaker comes from a sense of confidence that is enveloped in a wrapper of shamelessness. The day you let go of your dignity/shame is the day you are liberated. Anything and everything under the sun becomes possible. Let me give you an example : A few days back I heard this speech by a woman who was practically 4 times elder than me (around 70-80 years old) and before she got up on stage she literally danced up, towards the stage !! With the complete innocence of a child she said she felt like dancing so she danced. She was not a tiny bit ashamed that she danced, instead she did what she wanted and we were happy for it.

The final aspect of greatness is attributed to a sense of belonging. You see many people nowadays like to maintain their individuality. I appreciate that, but individuality without purpose is useless. A Team is essential to any great human being's upbringing. Belonging to a group of likeminded people with a common goal in sight is quite beneficial for everyone. It is often said that in a thousand people, one of them is great. Taking this anecdote at face value is incorrect. Understand that a person is only great because of the other 999 people that were with him/her. It is the individuality in a large group of people that eventually blossoms into a singular devotion of achieving/maintaining the group's ideals.

60 cows can produce a ton of milk each day.

Take this example:

In this picture do you see any individuals shining especially bright? Or do you see a single beacon of hope with small glimmers of awesomeness. What if I told you that everyone in this photo is great? You'd probably think I'm mad; But remember... Even if one of these people didn't exist, the photo wouldn't spell PSBB anymore. This is the kind of greatness I'm referring to, the kind that glows, more so in a collective.

So I leave you with these thoughts to ponder upon. Good Luck and let the force be with you.

P.S. Feel free to refer to this article for your GRE vocabulary and SOP's .



DID YOU KNOW?

- Dreamt is the only word that ends in "mt".
- There are only 4 words in the English language which end in 'dous' (they are: hazardous, horrendous, stupendous and tremendous).
- The word 'Strengths' is the longest word in the English language with just one vowel.
- The oldest word in the English language is 'town'.
- the first letters of the months July through to November spell JASON.
- 1 out of every 8 letters written is an e.

Vedanth Srinivasan,

Third Year, IT B,

vedanthsrinivasan@it.ssn.edu.in

More than 1,000,000 Earths could fit inside the Sun



FELICITATIONS



‘ Work hard in silence, let your success make the noise’

Our department faculty Ms. P.Vasuki has completed her Ph.D on HIERARCHICAL CLASSIFIER DESIGN FOR SPEECH EMOTION RECOGNITION.

Her research is based on designing hierarchical classifier engines to improve the performance of emotion recognition despite variations of cultural background of the speaker, recording environment, language used, text of utterance and age and gender of speaker. The proposed ensemble designs are very generic and can be adapted even when the number and nature of features change. The primary classifiers GMM or SVM may be replaced by any other complementary learning algorithms.

On the behalf of our department, we congratulate the faculty and wishing many more laurels in her career.



WINTER SCHOOL ON SPEECH AND AUDIO PROCESSING (WiSSAP-2016)

Winter School on Speech and Audio Processing (WiSSAP) 2016, on the theme “Speech Prosody”, was organized between the 8th and 11th of January, 2016. This winter school was the eleventh of its kind, following 10 successful winter schools, organized between 2006 and 2015, at different IITs, IISc, IIIT-H, and DAIICT. The organizing committee of WiSSAP 2016 consisted of Prof. Hema A. Murthy (IIT Madras), Prof. T. Nagarajan (Prof. & Head/IT), Prof. P. Vijayalakshmi (Prof./ECE), and Prof. A. Shahina (Prof./IT). The event was sponsored by Tamil Virtual Academy, ISCA, TDIL, CTS, Audience, and SSN Trust. Eminent researchers from IITs, PESIT, and Microsoft Research Labs, namely, Prof. Hema A. Murthy, Prof. Preeti Rao, Prof. V. Ramasubramanian, Prof. PriyankooSarmah, and Dr. Kalika Bali, presented tutorials on different aspects of speech prosody. Prof. Mark Hasegawa-Johnson (University of Illinois, Urbana-Champaign, USA), Prof. Yi Xu (University College London, UK), and Prof. Marc Swerts (Tilburg University, The Netherlands) were invited to present guest lectures. There was also a special session by Prof. Israel Cohen (Israel Institute of Technology, Israel). The winter school had a total of 215 participants, consisting of professors, research scholars, PG and UG students, and industrial persons, from India and abroad.



RESEARCH PROSPECTS IN IMAGE FUSION AND REGISTRATION (RPIFR)

Held on: FEBRUARY 01-02, 2016

The Two-day workshop on Research Prospects in Image Fusion and Registration (RPIFR) was conducted in the Department of Information Technology, SSNCE, during February 01-02, 2016. This workshop focused mainly on the methodologies involved in fusion and registration principles of images in various platforms and provided an exposure on the fundamental and advanced concepts in these fields. Sessions were handled by 2 internal speakers from SSN and 5 external speakers from various institutions namely MIT, IIT-Madras, IIIT-DM, REC and VIT Chennai. *Dr. T. Sree Sharmila*, Associate Professor from SSNCE gave a brief introductory talk on Image Pre-processing. *Dr. Dhananjay Kumar*, Associate Professor from MIT discussed basic techniques involved in Image Fusion. *Dr. S. Sundar*, Professor from IIT-Madras highlighted on the Modeling Aspects on PDE-Based Image Filters. *Dr. Umarani Jayaraman*, Assistant Professor from IIIT-DM discussed on Image Registration and Fusion in Real-time applications. *Dr. S. Mohamed Yacin*, Professor & Head in Dept. of Bio-Medical Engg. from Rajalakshmi Engineering College enlightened on Image-Based Personalization of Human Anatomy and Physiology which gathered a wide response from the audience. *Dr. N. Venkateswaran*, Professor from SSNCE discussed on Optimization in Image Fusion. *Dr. B. Rajesh Kanna*, Associate Professor from VIT University gave an overview of Hypergraph based image models & Algorithms to represent the shape and estimate the area of a region.

A total number of 32 participants (15 faculty members, 10 students, and 7 research scholars) participated in the workshop.

Participants	Students		Research Scholars	Faculty Members	Total
	UG	PG			
External	3	3	5	11	22
Internal	4	0	2	4	10
Total	7	3	7	15	32

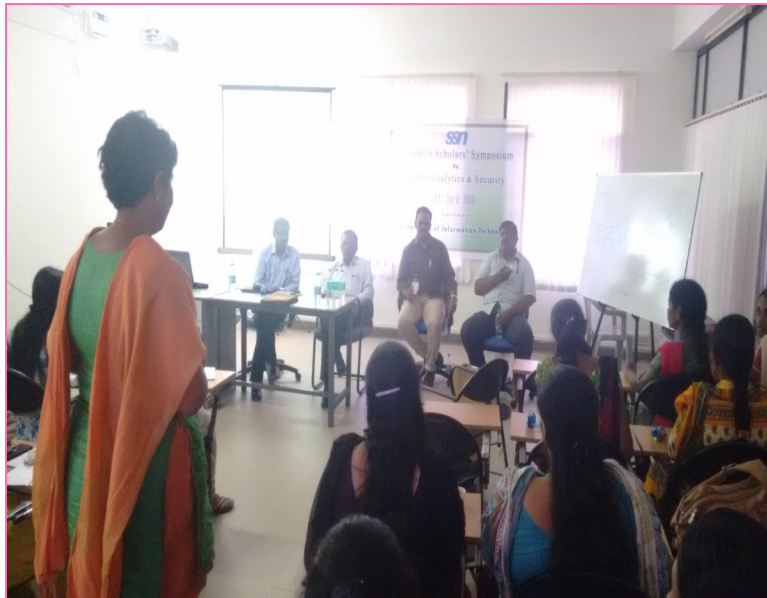


An ostrich's eye is bigger than it's brain.

RESEARCH SCHOLAR SYMPOSIUM ON DATA ANALYTICS AND SECURITY (RSS DAS'16)

Held on: APRIL 4,2016

The RSS DAS'16 event was conducted in the SSN College of Engineering, Kalavakkam, Chennai, 4th of April, 2016. The goal of RSS DAS'16 was to provide an outstanding forum for big data and cyber security researchers, practitioners, and users to exchange ideas, techniques and tools. The discussion with Mr. Velmurugan, Director, Big data from CTS provided a platform to raise awareness, and share their experiences related to all practical and theoretical aspects of analytics in many test-cases in real-time scenario. Prof. Sethumadhavan, Head of TIFAC-CORE from Amrita University, interacted with the scholars on the recent trends in cyber security. RSS DAS also satisfied a researchers' quest of presenting their novel ideology in the right journals by getting awareness in the discussion with Dr. Bhalaji from SSNCE. Prof. Neelanarayanan from VIT, Chennai, shared his experience in the usage of statistics in the inference analysis of the research. The event had scholars participating from College of Engineering, Guindy and also a wide group of audience from post graduation.



Sanskrit is the mother of all the European languages.

One Day National Level Project Competition VIVID 2016

Held on: APRIL 2, 2016

VIVID 2016, a **National Level Project Competition** was conducted by the Department of Information Technology, SSN College of Engineering, Kalavakkam, Chennai on April 2, 2016. This event was convened by Dr. T. Nagarajan, Professor and Head, Department of IT and coordinated by Mr. I. Joe Louis Paul, Ms. R. Swathika and Ms. S. Sasirekha, Assistant Professors, Department of IT. The main objective of VIVID was to encourage students to apply their knowledge, skill, passion and creativity to technology solutions that could make a difference to the world today. The topics include: Android, Big Data, Cloud Computing, Data Mining, Data Storage and Processing, Data Warehousing, Digital Image Processing, Distributed Computing, Network Security, Software Engineering, Web Services, Web Technology, Communication Networks, Bio-Informatics, Cognitive computing, Wireless Sensor Networks, Internet of Things (IoT), Embedded Systems, Semantic Web, Speech Processing and Video Analytics. The event was conducted on two tracks, Track-I at IT Seminar Hall and Track-II at IT Conference Room. Around 40 teams (approximately 120 students) from different engineering colleges were called for oral presentations cum demo to explain about their projects. Dr. A. Shahina, Professor, Dr. T. Sree Sharmila, Associate Professor and Dr. G. Muneeswari, Associate Professor were acted as the panel of judges for Track-I. Dr. N. Bhalaji, Associate Professor, Dr. S. Karthika, Associate Professor, Dr. P. Vasuki, Associate Professor and Mr. R. Ramanathan, Fidelity Investments, Chennai were acted as the panel of judges for Track-II.

Winner Details:

First Prize - The project titled “Prediction of Risk Score For Thyroid Disorder” presented by M. Sharmila Pushpa, II Year M.E. CSE, Mepco Schlenk Engineering College, Sivakasi (cash award of Rs.10, 000/-).

Second Prize - The project titled “Multilayer Perceptron Approach for Comparing Morphological and Chemical Features in Wheat Grading” presented by Brindha Priyadarshini.R, Dineshraj.G, Divya Brindha.R, Final Year CSE, SSN College of Engineering, Kalavakkam (cash award of Rs.5000/-).

Third Prize - shared by two teams. The project titled “Enhanced Customer Experience with iBeacon Technology” presented by Anurag M N, Mohan P, Santhosh Kumar R G, Final Year CSE, Bangalore Institute of Technology, Bangalore shared the third prize with the project titled “Application for Seamless Communication of Deaf and Dumb People” presented by Poovamraj.T.T, Final Year CSE, Rajalakshmi Engineering College, Chennai. (each team received a cash award of Rs.1, 500/-).



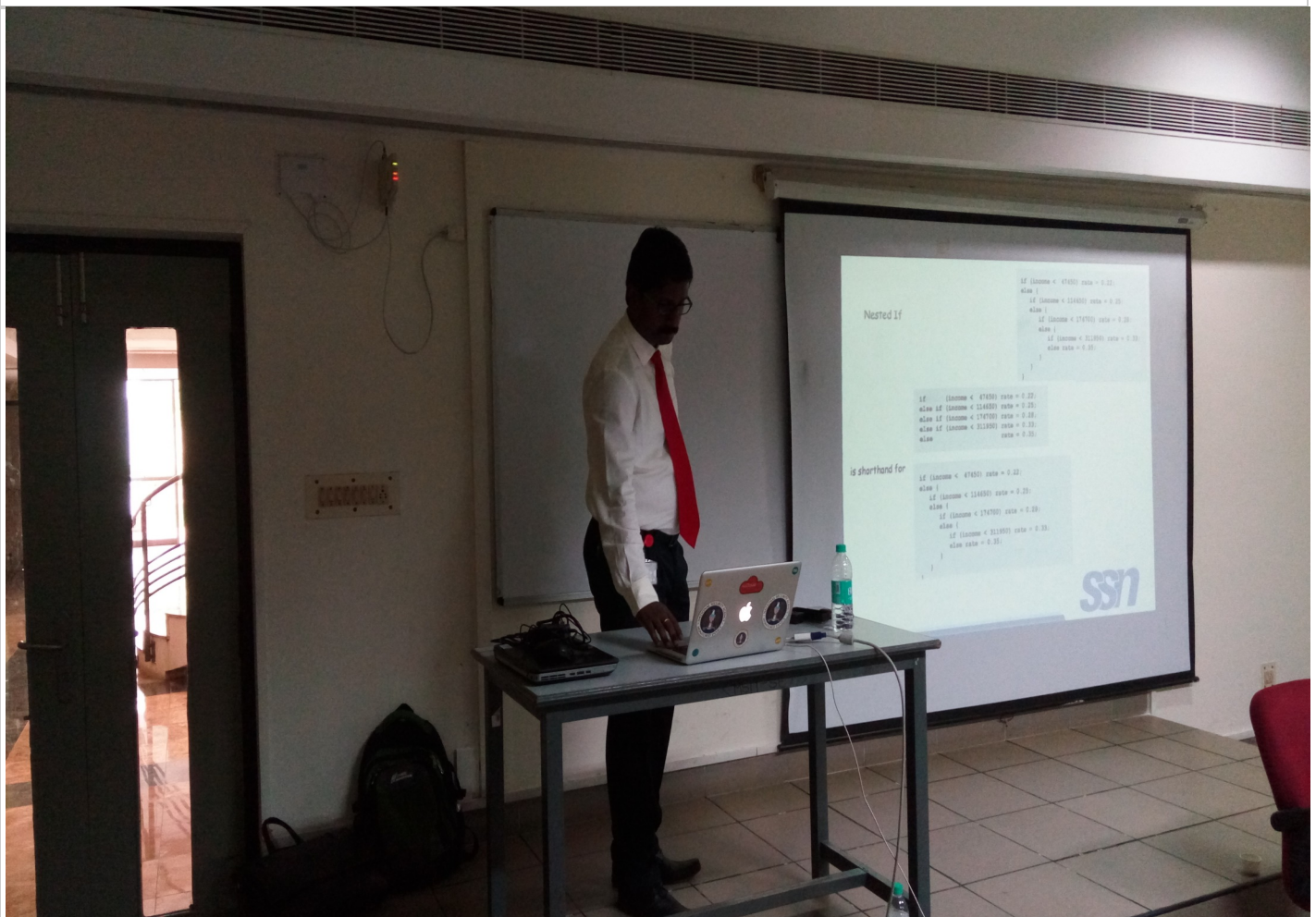
Washington, D.C. has one lawyer for every 19 residents!

TWO DAY WORKSHOP ON THE INTERNET OF THINGS: HANDS-ON WITH RASPBERRY PI

Held on: MARCH 22-23, 2016

The Internet of Things: Hands-on with Raspberry Pi, two days workshop was conducted in the Department of Information Technology, SSN College of Engineering, Kalavakkam, Chennai, 22-23rd of March, 2016. The goal of this workshop is to give exposure to the participants how to hook up sensors/actuators to the Raspberry Pi and set up a web server to access sensor-data (using a web application development framework and an application server). And wrap up by giving some tips for storing the sensor-data and perform historical analysis/cloud-charting. The course is targeted for audience interested to get started with the Internet of Things using Raspberry Pi in the fastest possible manner and to use the information gained as a template for other creative DIY projects.

The 2 days workshop had the participants from VIT, Vellore, Rajalakshmi Engineering college, MNM jain engineering college and also from CSE/ECE departments of SSNCE.



Owls are the only bird that can see the color blue.

COME BACK OF CHENNAI - SALUTATIONS TO OUR VOLUNTEERS



MONTHLY ACTIVITIES

September 2015

- **Ms. R. Swathika, Mr. A.SandanaKaruppan**, Asst.Prof/IT organized guest lecture for the third year and final year IT students on “Modern Databases” by Dr. S. Abirami, Assistant Professor, Anna University, Chennai.
- **Dr.N.Bhalaji, Dr.S.Chithra and Mr.K.Kabilan** were sanctioned with internal funded project titled "Customization of IoT Protocols for Societal Applications" for the worth of Rs.3.30 Lakhs.

October 2015

- **Dr. G. Muneeswari (Asso.Prof/IT)** has presented the following conference paper:"Agent Based Two Buffer Hierarchical Scheduling Algorithm for Multicore Architecture",Proceedings of the 3rd International Conference on Artificial Intelligence and Computer Science (AICS2015), 12 - 13 October 2015, Penang, MALAYSIA. (e-ISBN 978-967-0792-06-4), PP: 46-53.She has received the travel grant for this conference from external funding agency - Centre for International Co-operation in Science (CICS), Promoted by Indian National Science Academy(INSA) in Association with Scientific Agencies & Department.
- The article titled "Neurocinematics : The Intelligent Review System", authored by Krishna, Gautham Krishna (III A) and **Dr.N.Bhalaji**, got selected to be presented in the Third international conference on Cognition, Brain and Computation 2015 (CBC '15) to be held at IIT Gandhinagar during Dec 5-7, 2015.
- **Dr.N.Bhalaji** Delivered a guest lecture on "Software Engineering and its Concepts" at Sri Sairam Institute of Technology.
- QIP Short time course on “Predictive Analytics in the Cloud” from 12th to 18th October 2015 at Department of Computer Science and Engineering, Coimbatore Institute of Technology.
- **Mr. A.SandanaKaruppan**, AP/IT participated in Four Days Hands-On Workshop on Cloud Computing Tools conducted by Thiagarajar College of Engineering, Madurai.
- **Dr.S.Chithra and Dr.N.Bhalaji** submitted DST-TIDE proposal titled " Smart Assistive Technology for Parkinson and Alzheimer Disease (PAD) affected persons" .
- **Mr. V. Arul Kumar, AP/IT**, attended a seminar on High Performance Computing Organized By Indo-Russian IT Association at Russian Centre For Science And Culture, Alwarpet, Chennai-600 018.
- The project proposals submitted for internal funding by the following faculty members have been sanctioned:
- **Dr.G.Muneeswari** (PI), for project titled "Multiagent process scheduling for network-on-chip based multi-core systems", duration 3 years, project amount - 1.20 lacs.
- **Dr.N.Bhalaji** (PI), **Dr.S.Chithra**(Co-PI), **Mr.K.Kabilan** (Co-PI) for project titled " Customization of IoT protocols for societal applications using QoE", duration 3 years, project amount - 3.30 lacs .
- **Mr. I. Joe Louis Paul**(PI), **Ms.S.Sasirekha**(Co-PI), **Ms.R.Swathika**(Co-PI)," Disaster management system-Next generation", duration 2 years, project amount - 3.05 lacs.
- **Ms. N. Radha** , AP/IT participated in One Day Workshop on Kani Tamil Pervai conducted by Centre For Faculty Development, Anna University, Chennai.
- **Dr. G. Muneeswari (Asso.Prof / IT)** has been selected for the "Best Teacher Award" by GRABS Educational Charitable Trust (ISO 9001:2008), Chennai.

November 2015

- Ms. S. Sasirekha, AP/IT published the following paper. **S Sasirekha**, S Swamynathan, "Service Provisioning Middleware for Wireless Sensor Network" in the Proceedings of the 4th International Conference on Frontiers in Intelligent Computing: Theory and Applications (FICTA) 2015, Springer India, Volume 404 of the series Advances in Intelligent Systems and Computing. pp 329-343.
- Dr. T. Sree Sharmila, Assoc.Prof/IT published the following paper: **R. Priyadharsini, T. Sree Sharmila**, V. Rajendran, "Underwater Acoustic Image Enhancement Using Wavelet And K-L Transform" in Proceedings of the IEEE International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT -2015), held at Bapuji Institute of Engineering & Technology (BIET), Davangere, Karnataka, India from 29 - 31 October 2015. IEEE Part Number: CFP15D66-USB IEEE ISBN: 978-1-4673-9222-8
- **Journal publication:**
- **Mercy Devadas, N.Bhalaji** " Qos In Genetic Algorithm Derived Fuzzy Based Ad-Hoc Network" in **International Journal of Pure and Applied Mathematics**, Volume 101 No. 5 2015, pp. 877-892. (scopus indexed)
- **Journal Review :**
- Dr.N.Bhalaji reviewed article titled "Dynamically Adaptive Position Routing Protocol With Trust Management For MANETs," which was submitted to Kuwait Journal of Science (IF journal).
- Department newsletter identITy, Volume 2, Issue 3 has been published.
- An amount of Rs.2.2 Lakhs has been funded by SSN Trust for innovative Student projects proposed by B.Tech IT students.
- Dr. T. Nagarajan, Prof & HOD/IT conducted synopsis meeting for his research scholar Ms. N. Sripriya.
- Dr. R. Srinivasan, Prof/IT conducted public viva-voce examination for his research scholars Mr. K.K.Nagarajan.

December 2015

- **Mr. R. Vinob chander**, AP/IT attended the Workshop - "Leveraging Use Cases to Validate IoT Opportunities: India and its Unique Landscape" organized by IEEE Bangalore Section.
- **Ms. N. Radha**, AP/IT and Ms. J. K. Josephine Julina AP/IT attended the one day workshop on "Image and Speech Processing", WISP 2015 organized by Center of Excellence in Signal Processing (CESP), Indian Institute of Information Technology (IIIT), Gachibowli, Hyderabad.
- **Mr. R. Vinob chander**, AP/IT participated in the "Hackathon 2015" conducted by Pragyan, the International Techno-Management festival of NIT Trichy & Microsoft.
- **Dr. N.Bhalaji AP/IT** Chaired a paper presentation session in the International Conference on Mathematical Computer Engineering which is to be held in VIT University, Chennai, India
- **Ms. E.M.Malathy** AP/IT presented a research paper titled "Optimized vertical handover decision Analysis for wireless heterogeneous network" at the International Conference on Mathematical Computer Engineering-2015, VIT Chennai.
- **Dr. T. Nagarajan**, Prof & Head/IT delivered two lectures (one on Speech signal processing and the other on Text-to-Speech Synthesis) and conducted a laboratory session at the "ISTE Sponsored STTP on Speech Processing, in "Viswajyothi College of Engineering and Technology", Kerala.
- The paper authored by **Dr.G.Muneeswari**, AP/IT, titled " The Design and Development of an Auto-

mated Fall Detection System for Geriatrics" has been accepted for Oral presentation in the Second International Conference on Biomedical Systems, Signals and Images – BSSI 2015 to be held at Indian Institute of Technology Madras, Chennai during Feb, 2016.

- **Ms. N. Radha**, AP/IT presented a paper titled “ A Person Identification System Combining Recognition of Face and Lip-Read Passwords ” in the IEEE International Conference on Computing and Network Communications (CoCoNet'15) in Indian Institute of Information Technology and Management (IIIT-M), Trivandrum, Kerala. pp.170-179.
- **Ms. P. Vasuki**, AP/IT has successfully completed her public Viva-voce examination for her Ph.D. thesis titled "Hierarchical Classifier Design for Speech Emotion Recognition".
- **Dr. T. Nagarajan**, Prof & Head/IT presented a project proposal titled "Speech-Enabled Interactive Enquiry System in Tamil" to the panel members at the Secretariat, Government of Tamil Nadu.
- **Dr.N.Bhalaji**, ASP/IT, Delivered a research talk on "How to Publish" in SASE-Research group scholars in VIT, Chennai.

January 2016

- A Winter School on Speech and Audio Processing (WiSSAP – 2016), on the theme “Speech Prosody” was organized between the 8th and 11th of January, 2016. The organizing committee consisted of Prof. Hema A. Murthy (IIT Madras), Prof. T. Nagarajan (Prof. & Head/IT), Prof. P. Vijayalakshmi (Prof./ECE), and Prof. A. Shahina (Prof./IT). The event was sponsored by Tamil Virtual Academy, ISCA, TDIL, CTS, Audience, and SSN Trust. Eminent researchers from IITs, PESIT, and Microsoft Research Labs, presented tutorials on different aspects of speech prosody. Prof. Mark Hasegawa-Johnson (University of Illinois, Urbana-Champaign, USA), Prof. Yi Xu (University College London, UK), and Prof. Marc Swerts (Tilburg University, The Netherlands) were invited to present guest lectures. There was also a special session by Prof. Israel Cohen (Israel Institute of Technology, Israel). The winter school had a total of 215 participants, from India and abroad.**Dr. P. Vasuki**, Ms. N. Sripriya, Ms. N. Radha, Ms. S. Uma Maheswari, faculty members from IT department attended WiSSAP, 2016.
- **Mr. I. Joe Louis Paul** (AP/IT) has delivered an invited talk on “Basic Plan Systems, Advanced Plan Generation Systems-K STRIPS” in Anna University approved seven days Faculty Development Training Programme (FDTP) on “Artificial Intelligence” organized by Department of IT, St. Joseph’s College of Engineering, Chennai during Jan 5- 12, 2016.
- **Mr. V. Sivamurugan**, Assoc. Prof/IT, attended a FDP on “ Mobile Application Development Lab” conducted by IT Dept of Sri Sairam Engineering College, West Tambaram.
- **Mr. R. Vinob Chander** attended the EFY Conference_cum_Expo 2016 at BIEC, Bangalore.
- **Dr. T. Nagarajan** (Prof. & Head/IT) attended the RAC meeting in Delhi, on the 18th and 19th of January, 2016.
- **Mr. A.Sandanakaruppan** (AP/IT), Mr. V.Arulkumar(AP/IT), Mr. S.Umamaheswari, participated 2 days Workshop “Architecting for the Cloud”, powered by CMU, USA organized by SSN SASE.
- **Ms. Uma Maheswari** AP/IT attended a Faculty Development Programme on "Design and Analysis of Algorithms (DAA)" conducted by Department of Computer Science and Engineering, SSNCE along with the Association of Computing Machinery (ACM) India Education Committee.
- **Dr. S. Chithra** published the following journals:
- **K. Ragavi, Priyanka Radja and S. Chithra**, “Portable Text to Speech Converter for the Visually Impaired”, Advances in Intelligent Systems and Computing Vol. 397, pp. 751-758, Springer
- **Gomathi Venkatesan and Chithra Selvaraj**, “Bio-sensor Authentication for Medical Applications

Using WBAN”, Advances in Intelligent Systems and Computing Vol. 398, pp. 457-467, Springer

- Prof. T. Nagarajan’s paper on “Formant Filters-Based Multi-band Speech Enhancement Algorithm for Intelligibility Improvement” has been accepted for presentation in the National Conference on Communications (NCC) 2016, to be held at IIT Guwahati, between the 4th and 6th of March, 2016.

February 2016

- **Ms. S. Vidhusha** AP/IT, **Ms. J. K. Josephine Julina**, AP/IT, organized a Two Day Workshop on "Research Prospects in Image Fusion and Registration" with 32 participants (faculty members, research scholars and students) from various institutions. The sessions were handled by resource persons from IIT Madras, MIT, REC, VIT-Chennai, IIIT-DM & SSNCE. **Ms. R. Swathika** AP/IT attended the above workshop.
- **Dr. S. Karthika**, Assoc. Prof/IT delivered a lecture titled “Social Network Analysis in Clandestine Network” as Keynote speaker in the National Conference in Information, Communication and Cyber Security in association with National Cyber Defence Research Centre – Cyber Forensics Lab by Kalasalingam University, Krishnankoil.
- **Ms. P. Vasuki** Asso. Prof./IT & **Ms. S. Sasirekha**, AP/IT attended the One Day National Seminar on "Predictive Analytics: Big Data and Healthcare" organized by Department of Computer Science, SSN College of Engineering.
- **Dr. S. Karthika**, Assoc. Prof/IT has been nominated as IEEE WIE Chair, Unit SBA60551 - Sri Sivasubramaniya Nadar College Of Engineering.
- **M.Satish & A.Prakash** of III Year IT 'B' section students received "Best Paper Award" from our SSN president for their paper entitled "DRRS Task Scheduling Algorithm for Cloud Environment" under "Current UG Publication" category. There were a total of 45 papers presented by all the department students. Previously the paper was published in the International Journal of Applied Engineering Research (Print ISSN 0973-4562, Special Issue Volume.34, 2015(Annexure II)) guided by **Dr. G. Muneeswari**, Asso.Prof / IT and **Dr.S.Chithra**, Asso.Prof / IT.
- The project titled "Women Safety Using Piezoelectricity And Bluetooth Communication" of **Nandita Viswanath**, **Naga Vaishnavi Pakyala** (III Year IT ‘A’) guided by **Dr. G. Muneeswari**, Asso.Prof / IT has been considered for "Patent Filing" by **Dr. Idichandy** out of many projects housed in the innovation centre.
- **Dr.N.Bhalaji**, Assoc. Prof/IT and **Dr.Chithra Selvaraj**, Assoc. Prof/IT published article titled “Comprehensive Trust Based scheme to combat malicious nodes in MANET Based Cyber Physical Systems” in International Conference on Communication and Networks (COMNET 2016), Ahmedabad proceedings to be published in Advances in Intelligent Systems and Computing (AISC), Springer (ISSN 2194 – 5357).
- **Dr.N.Bhalaji**, Assoc. Prof/IT was invited to review article titled “A Lightweight Biometrics based Remote User Authentication for IoT Services” for IEEE Internet of Things Journal
- **Dr.N.Bhalaji**, Assoc. Prof/IT co-authored an article titled “On the Construction of QoS Based Overlay

Architecture for Wireless Local Area Network” in Wireless Personal Communications, Springer (IF= 0.65).

- **Ms. S. Vidhusha** , AP/IT published the following paper:**S. Vidhusha, A. Kavitha**, “Evaluation of Functional Connectivity patterns in high-functioning Autism using resting state fMRI” in the Proc. of 2nd International Conference on Biomedical Systems, Signals and Images (BSSI) at Indian Institute of Technology, Madras (IIT-M).
- **Ms. N. Radha**, AP/IT and Ms. S. Umamaheswari AP/IT attended the Workshop on "Kani Tamil Pera-vai ", organized by Tamil Virtual Academy, Anna University, Chennai.
- **Ms. J. K. Josephine Julina**, AP/IT, has published a paper entitled “A Robust Approach in Enhancing the Quality of Degraded Images and Text Restoration” and was selected for the "Best Research Paper Award in the current special issue Vol 2, no. 2, IJARBEST (indexed in Google Scholar).

March 2016

- **Dr. T. Sree Sharmila**, ASP/IT received “Young Women Achiever Award (Engineering)” by Venus International Foundation, Chennai.
- **Dr. T. Sree Sharmila**, ASP/IT, Mr. V. Thanikachalam, AP/IT & Ms.S. Poornima, AP/IT organized a one day workshop titled, “FUNDAMENTAL ANALYSIS & PROCESSING OF IMAGE & VIDEO WITH COMPUTING TECHNIQUES” with Hands-on Training in Fundamentals & Preprocessing Techniques with 40 participants from various institutions.The organizers also delivered the following talks:
 - Dr. T. Sree Sharmila - Image Restoration and Enhancement Techniques
 - Mr. V. Thanikachalam - Activity Recognition from Videos
 - Ms.S. Poornima - How Secure the Biometrics is?
- **Dr. T. Nagarajan**, Prof & Head/IT was sanctioned a project titled "Speech-Enabled Interactive Enquiry System in Tamil" on the 26th of February 2016, by Tamil Virtual Academy and the first installment of the project funding was received on the 14th of March 2016.
- **Mr. R. Vinob chander** AP/IT, prepared course content for “Java”, “Internet of Things”, “Python”, & “DBA” for the HCL Project 22 Foundation Programme (Madurai & Lucknow), and also was deputed for content delivery at SMS College, Lucknow.
- **Mr. R. Vinob chander** AP/IT, Dr. S. Chitra Assoc. Prof./IT, Dr. N. Bhalaji Assoc. Prof./IT, Ms. E.M. Malathy AP/IT organized a Two Day Workshop on "The Internet of Things - Hands-on with Raspberry Pi" with 43 participants (faculty members, research scholars and students) from various institutions. The sessions were handled by R. Vinob chander AP/IT & Dr. N. Bhalaji Assoc. Prof./IT from SSNCE.
- The project guided by **Dr. T. Sree Sharmila**, ASP/IT won 1st prize in "Business Idea Contest" organized by SSN Business Entrepreneurship in Science & Technology (BEST) Centre in association with the Industry Institute Partnership Cell (IIPC).
 - Title: Highgriva – Learning made easy

- Students: Sri Vishnu Kumar K, Prakash A & Pragalbha L
- The following projects guided by **Dr.G.Muneeswari**, ASP/IT bagged II and III prizes in "Business Idea Contest" organized by SSN Business Entrepreneurship in Science & Technology (BEST) Centre in association with the Industry Institute Partnership Cell (IIPC).
 - **II Prize:** Students: Akshaykarthik.L, K.M.Likesh Krishna , Mahalakshami.V, *Project Title: MAN "Mechanic @ Need"*
 - **III Prize:** Students: Abilash Kumar .P.C, Aashika.K, Aboorva.S, Hariharasudan.K.S , *Project Title: Road Monitoring System.*
- S. Manisha & **Dr. T. Sree Sharmila**, ASP/IT published a paper titled "Classification text frames in video using Fuzzy C Means" in the International conference on Electrical, Electronics & Computer Engineering, pp. 389-393, Vivekananda College of Engineering for Women, Tiruchengode.
- L.K.Pavithra, **Dr. T. Sree Sharmila**, ASP/IT published a paper titled "Color feature extraction on distinct color spaces and semantic image retrieval" in the International conference on Electrical, Electronics & Computer Engineering, pp.656-661, Vivekananda College of Engineering for Women, Tiruchengode..



DID YOU KNOW?

- **Albert Einstein** (About India) said: "We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made."
- **Sachin Tendulkar**, wanted to be a fast bowler but focused on batting at the recommendation of Australian fast bowler **Dennis Lillee**.

On average women say 7,000 words per day. Men manage just over 2000.

WHEN CAMERAS GOES CRAZY...



There are around 3.22 millions of Indians in USA.

WHEN CAMERAS GO CRAZY...



"What I like about photographs is that they capture a moment that's gone forever, impossible to reproduce." – Karl Lagerfeld

"When words become unclear, I shall focus with photographs. When images become inadequate, I shall be content with silence." – Ansel Adams

"There are no bad pictures; that's just how your face looks sometimes." – Abraham Lincoln

Arunasubha Amaresan,
Third year, IT A.

Coca-Cola was originally green because of fresh cocoa leaves.

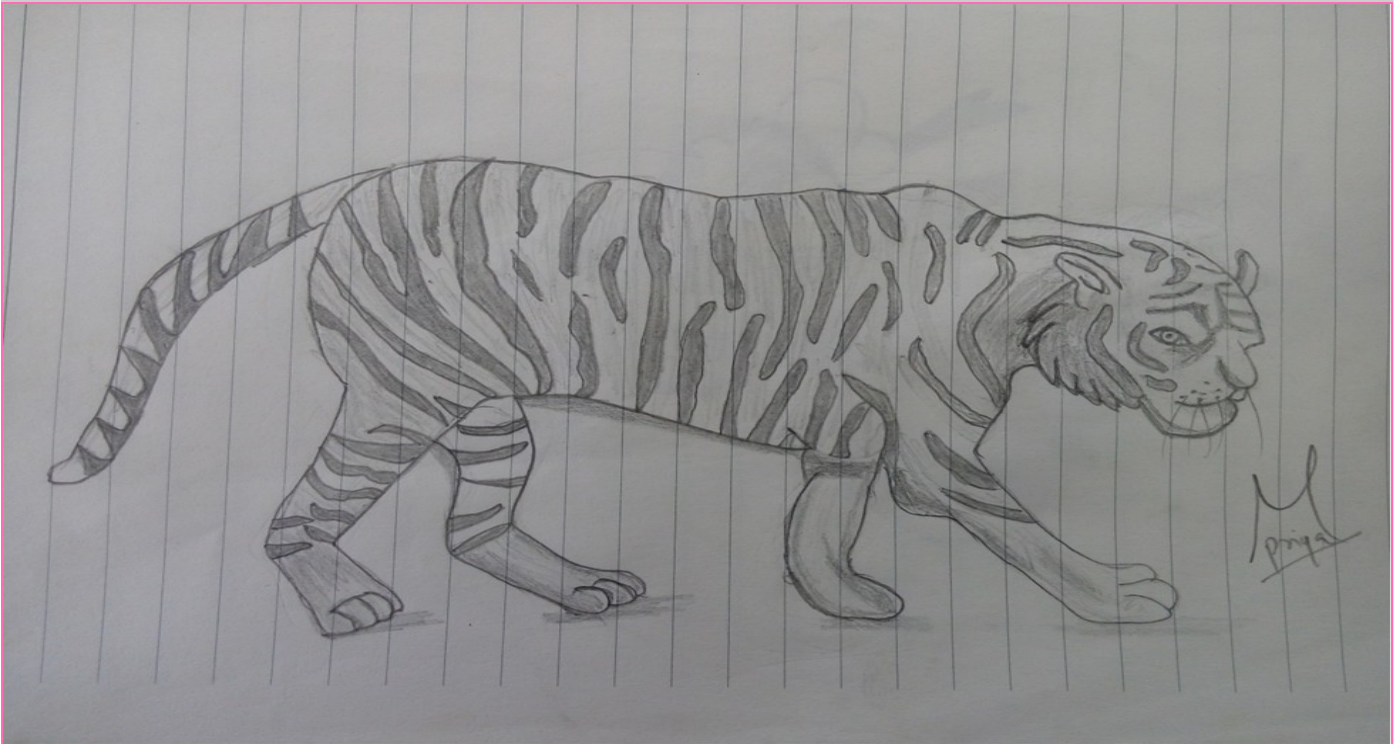
WHEN ART COMES ALIVE...



Tarunika R,
Third Year, IT B.
tarunikar@it.ssn.edu.in

Monopoly is the most played board game in the world.

WHEN ART COMES ALIVE...



Mohana Priya,
Third Year, IT A.
mohanapriya@it.ssn.edu.in

"Eleanor was right. She never looked nice. She looked like art, and art wasn't supposed to look nice; it was supposed to make you feel something." – Rainbow Rowell, *Eleanor & Park*.

"A painter should begin every canvas with a wash of black, because all things in nature are dark except where exposed by the light." – Leonardo Da Vinci.

"It is good to love many things, for therein lies the true strength, and whosoever loves much performs much, and can accomplish much, and what is done in love is well done." – Vincent van Gogh.

We, as humans, forget 90% of our dreams.



Summer Special



BEAT THE HEAT

The scorching summer heat is hard on our bodies, our moods, and our electric bills. Don't let the temperature get you down, though. These 7 tips will help you keep cool even if it feels like the sun is out to get you.



1. Drink More Water

You know how important it is to stay hydrated all year round. When you're sweating a lot, either because of exercise or the summer heat, drinking enough water becomes even more important. Think of your body like an air conditioner. Whenever your body heats up from physical activity or the hot weather outside, your internal air conditioner turns on and you begin to sweat. Remember, now that your air conditioner is using its coolant (your sweat), it is important to refill the tank, by drinking lots of H₂O. As with other hydration myths, water isn't your only option, but it's free and easily accessible for most of us. Even if you have to trick yourself into drink more water and learn to love the taste of it, you'll be much more comfortable if you keep refilling your water glass.

2. Keep Excessive Sweat at Bay

For many of us, sweat-inducing humidity is the worst part of summer. Even if you don't have excessive sweat issues, you can get the sweating under control with a few tricks, like applying antiperspirant at night so it works more effectively and wearing breathable clothing materials, such as cotton.

3. Keep Your Food Cool and Avoid Using the Oven

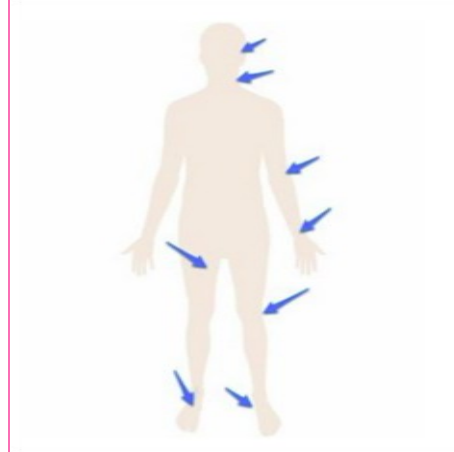
Summer might be a great time to eat outdoors, but some foods and drinks aren't that enjoyable when heated by the sun. You can make evaporative cooler for your food and drinks with just two containers or create ice blocks for your cooler using old milk cartons. When it's too hot to cook, consider making cold soups, relying on electrical appliances like the versatile rice cooker, or try these "no-cook" or "oven-free" recipe ideas.

4. Exercise Comfortably, Even in the Heat

Just because it's hot out doesn't mean you have to stop exercising. You can get used to exercising in the heat and use common sense strategies such as switching to water sports, avoiding the sun when it's strongest, and exercising in short bursts. Pre cooling techniques can also prevent you from overheating when you work out in hot weather.

5. Optimize Your Windows

You might not need to run your air conditioner if you pay a little more attention to your windows in the summer. Close the windows and use insulated drapes to keep the sun out during the day and open them at night when the sun is down. You can also hang a damp towel in front of the window to cool the air flowing into your home and open opposing windows or windows on the top and bottom floors for maximum air flow.



6. Stay Cool While You Sleep

Summer heat is worst when you're trying to get some shuteye, because a higher body temperature makes it harder to fall asleep. If you feel like an insomniac in summer, cool your head with a special pillow like the Chillow, sleep on top of a wet sheet (aka the "Egyptian method"), or try one of these other strategies in our cool sleeping guide or this info graphic.

7. Know Your Body's Best Cooling Points

Finally, if you're stuck in the heat and can't find get to a cooler place, know your body's best cooling points, e.g., your wrist and neck. By applying a ice cubes wrapped in a towel (or any other cold object) to these pulse points, you'll cool down more quickly and effectively.

NEWS FEED

Even though the December floods left the city's water reservoirs comfortably placed to face the summer, officials are now worried that the unusually hot summer was leading to evaporation of 10 per cent more water from the reservoirs. Usually 20 per cent of stored water is lost to evaporation, but this year with much higher temperatures anticipated in summer, about 30 per cent of stored water will be lost to evaporation, say Water Resources Department (WRD) officials.

A WRD official said the city had nearly 7 tmc (thousand million cubic) feet of water in its reservoirs which could last the next five months. "Usually, the city requires 1 tmcft of water a month. Considering the evaporation loss, the stored water could last the next five months," said an official. While it means the city may not face a water crisis like it did in the last two years, the heat would also mean increase in demand.

Surprisingly an average little mosquito has 47 teeth.

SEASONAL PHOTOGRAPHY



K. Kabilan, Assistant professor,
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The only country with 13 months is Ethiopia.

EVERY PENNY MATTERS

VOTE



The dot on top of the letter 'i' is called a 'Tittle'

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MESSAGE FROM EDITORS

Heartfelt thanks to all the contributors and readers... Here's hoping you like this edition of our IT department magazine —
IDENTITY !!

Happy Reading

