

INFOZINE

Mar-20

DEPARTMENT OF INFORMATION TECHNOLOGY | Dr.N.G.P. INSTITUTE OF TECHNOLOGY

TRENDS

In this issue...

Message from our beloved Principal & HOD

Events 04

Association Inauguration
CSI Inauguration
Android Application Development
Windows Application Development

Extension Activity 05

Computer Awareness for Parents
Computer Awareness for Students
Teacher's Day Celebration
WebPreneur Workshop
Tech-Fest 14'
Interview with class toppers

Articles 10

From Faculty Members
Computer Awareness for Students

Success Story 22

Gallery 27

Dr. K. Porkumaran, Principal

Our principal delivers an assistive and interactive message about Information Technology



Page 2

Dr. V. Vani, HOD IT

Our head Dr. V. Vani shares her thought that encourages young budding professionals



Page 3



I feel very happy that the department of Information Technology is releasing the department Newsletter.

Every aspect or sphere of life is touched by Technology and its applications. Information Technology in particular, places its beneficiaries in responsible positions of knowledge dissemination, national empowerment, entrepreneurship and employment generation. I wish that this in-house Newsletter from the Department of Information Technology, Dr.N.G.P.IT, will by its publication and discerning contributors run into many successful issues in the days to come. I congratulate the Department, Editors, and Members of Information Technology for releasing department newsletter.

*Dr.K.Porkumaran
Principal,Dr.NGPIT.*

Dr.V.Vani, Prof & Head,Dept of IT



I am extremely happy that at last the IT e-Newsletter is back after being silent for almost a year! I take this moment to congratulate all my students, faculty members for their contributions and especially editorial team members for compiling it to a full-fledged newsletter.

My dear young budding professionals, It's a high time to see the world. Yes, the world is so big and many things are waiting for you to explore. Most of the time, our students have wrong perception that IT industries is the only way to get a job. No, that's not true! There are plenty of opportunities available. One such opportunity is higher studies with fellowship in foreign universities. Please refrain from foreseeing the outcome of such opportunities by standing from here! GO and EXPLORE , you will get plenty of options from there on...The unemployment in countries like US, Canada and Australia are less than 5% and hence getting a job is mere nothing. I feel instead of getting into a software company and thrive for onsite opportunity, put your best efforts and you can be in foreign universities in 6 months. This way you will get international study experience and also work in TRUE MNCs

I wish you all TRUE SUCCESS in all your future endeavors. May GOD bless you abundantly!

"Those who cannot change their minds cannot change anything."

— George Bernard Shaw

Leadership

"Effective leadership is not about making speeches or being liked; leadership is defined by results not attributes"

-Peter Drucker

EVENTS



Association Inauguration

The Xemac Association Inauguration of our department for the academic year 2013-2014 was held on 23rd July 2013 by 3 pm in the West Seminar hall of our college. The function was graced by the presence of our Principal Dr. K. Porkumaran and the Head of our Department Dr. V. Vani. The chief guest of the function was Mr. C. Aravind, Architect, Evolv Inc. The function started with the prayer song sung by Ms. G. Aruna of Third IT. The gathering was welcomed by the Student President of the Xemac Association Mr. R. Mukunthraj of Final IT. Following the welcome address, our Principal Dr. K. Porkumaran felicitated the gathering. Later our Head of the Department Dr. V. Vani introduced the Chief Guest Mr. C. Aravind after which he started his presentation. His presentation covered the basic principles of software design along with many recent technologies such as Big Data Analytics. Following the presentation, office bearers of Xemac Association were introduced. The office bearers are as follows, Student President Mr. R. Mukunthraj of Final IT, Student Vice President Mr. S. Sudhan Kumar of Third IT, Student Secretary Mr. T. Vignesh Madhev of Final IT, Student Joint Secretary Mr. R. Vignesh of Third IT, Student Treasurer Ms. A. J. Samyuktha of Final IT and Student Joint Treasurer Ms. K. P Regha of Second IT. Then as a token of love, a memento was presented to the Chief Guest Mr. C. Aravind by our Principal Dr. K. Porkumaran. The function was ended with the Vote of Thanks given by Mr. S. Sudhan Kumar, Student Vice President, Xemac Association.

STUDENT PRESIDENT - Mr. MUKUNTHRAJ. R (IV YR)
VICE PRESIDENT - Mr. SUDHAN KUMAR.S (III YR)
STUDENT SECRETARY - Mr. VIGNESH MADHEV.T (IV YR)
JOINT SECRETARY - Mr. VIGNESH.R (III YR)
STUDENT TREASURER- Mrs. SAMYUKTHA. A. J (IV YR)
JOINT TREASURER - Mrs. REGHA. P (II YR)



CSI Inauguration

Inaugural function of CSI Student Chapter by the Department of Information Technology for the Academic year 2013-14 was held on Tuesday (27.08.2013) at 3.30pm in West Seminar Hall at Dr. N.G.P. Institute of Technology. The program started with the Prayer song and continued with the welcome address by Mrs. S. Santhi, CSI – Student Branch Counselor. The presidential address was given by Madam Secretary, Dr.Thavamani D. Palaniswami. She motivated the students to set positive goals, highlighting short term goals and long term goals. The Principal Dr.K.Porkumaran delivered the felicitation address and mentioned the role of professional society in IT Industry. The Chief Guest of the function Dr. A. Selvakumar, Chairman of CSI Coimbatore Chapter quoted about the welfare of the students and briefed about the Recent Technologies in IT Industry. The Guest of Honor Mr. Prashant R. Nair, CSI Tamilnadu State Student Coordinator delivered about the History, Benefits of CSI and the programs conducted for the students under CSI student chapter. He included that CSI Coimbatore Chapter was one of the leading Chapters with highest number of members. The office bearers of CSI student chapter President Mr. B. Vigneshwaran, Secretary Mr. P. V. Jishnu, Joint Secretary Mr. V. Prashant, Treasurer Mr. S. V. Dinesh., and Joint Treasurer Ms. H. Yagna Priyadarshini were introduced by Dr. V. Vani, Head of Information Technology with the motivation line that "Plan, execute and bring a positive change by leading the team". Mr. B. Vigneshwaran, Student President of CSI Student Chapter proposed the vote of thanks.

STUDENT PRESIDENT - Mr. VIGNESHWARAN.B (IV YR)
VICE PRESIDENT - Mr. PRASANTH.V (III YR)
STUDENT SECRETARY - Mr. JISHNU.P.V. (IV YR)
JOINT SECRETARY - Mrs. YAGNA PRIYADHARSHINI (III YR)

"The time is always right to do what is right" -Martin Luther King Jr.



Android Application Development

A workshop on **Android Application Development** was conducted by **Technophilia Systems** in association with **Robotics & Computer Applications Institute of USA** held at Dr.N.G.P Institute of Technology on 22nd and 23rd August 2013. This workshop was conducted by **Mr.Sampuran Singh** for 8 hours a day. This workshop covered designing and programming in Java along with Eclipse IDE and also debugging and working with Acceleration Sensor, use of GPS and Access Google Map were taught.

Day 1: On this day, the class started with the introduction of Android OS and the difference between Android OS and Native OS. A brief explanation about Open Handset Alliance, Architecture of Android, Android Execution Process, Virtual Machine, Application component and the types of debuggers were explained. In Hands-on session we were taught to create a project in Android Developer Tools and to create Android virtual device. Programs on Simple Hello world, Intent Programs are taught with hands on.



Working on Radio button, check box, Text fields and Auto& Multi Correlation are taught clearly.

Day 2: The class started with the explanation of various types of Sensors. Hands on work were made on the Acceleration sensors, GPS and Google Maps. Sensor classes, its installation, enabling GPS, Location manager, location listener were clearly explained. A simple exercise was made by sending message from one virtual device to another which was an interesting one.

At last, a task was given to all the participants to create three layouts in which one layout should contain some user inputs which are continued by the second layout and all the details are to be displayed in the third layout.

For the final round 12 students were selected. The final round of International Challenge for Android application development will be conducted online by RCAi-USA with teams competing from 22 countries approximately.

Totally, the workshop was really useful and the participants were able to develop their own android applications.



Windows Phone Application Development

A workshop on windows phone application development was conducted by Microsoft IT India at Dr.N.G.P. Institute of technology on 27th and 28th of September 2013. Mr.Jaiprakash Mallikarjun Bankoli, Senior Development Lead and Mr.Kaushik Bhattacharya engaged the students during the workshop. Students from various other colleges like Bannari Amman Institute of Technology, PSG Institute of Technology, SNS College of Technology, M.Kumarasawmy College of Engineering, Kumaraguru College of Technology, Sri Krishna College of Engineering and Technology, Nehru Institute of Technology participated in the workshop. We learnt how to develop an application in windows phone using 'Microsoft Visual Studio 2010 for windows phone'

DAY 1: 27th SEPTEMBER 2013

The first session started at 10 in the morning after the inaugural ceremony. Mr. Kaushik Bhattacharya interacted with the enthusiastic crowd the basic concepts of Windows phone,

Life Cycle of mobile App and Mobile development Key attributes and skillset. Following this we learnt how to create a simple app and touch development using windows app studio. An overview on Environment and tools for mobile app creation and WP Emulator were presented which were later illustrated with Hands on exercises like Control, Navigation and receiving responses.

DAY 2: 28th SEPTEMBER 2013

Recap of the first day's session was given followed by demonstrations of windows app development. The students were split up into teams and were given opportunities to create their own innovative windows apps. Various apps like Search for the restaurant app, Notice board app, GPS app, Daily Water app, Individual lock app etc., were some the applications developed. All the technical clarifications that arose for the participants while developing these applications were clarified. The session ended with their valuable suggestions on how to improve the newly developed applications.

This Workshop was very useful and it gave the confidence to every student to develop their own windows application. We would like to express our gratitude and thanks to the management for organizing this workshop.



Extension Activity

Computer Awareness for Parents

The computer awareness extension program was held on 21-09-2013 at 3 P.M.. The session extended till 6 o'clock in the evening. It was conducted by the faculties from the department of Information Technology. The forum mainly focused on sharing knowledge about the internet and to make the parents aware of the basis of online applications. The session was initiated by Mr. D. Prem Kumar on E-mail creation and managing using Tamil text. It was continued by the features of online banking taken by the HOD of IT Dr. V. Vani. Mrs. G. Krithika carried on the session about online railway ticket reservation. Finally Mr. Mani Deepak Choudhry spoke about the online passport application. Parents from the Dr. N.G.P School participated in the program. One of the parents was glad to share the views about the session and it was said that the program was very useful for them to come out with their household chores and got to know something useful. It was an informative session which helped the parents to know about the internet and its uses. Refreshments were provided for the parents and faculties in between the program. The vote of thanks was delivered by Mr. T. Vijayakumar department of information technology.



Computer Awareness for Students

The Department of Information Technology in association with Computer Society of India- Student Chapter organized an extension activity on Computer Awareness for the 9th standard students of Government Higher Secondary School, Kovilpalayam. This event was held on 25th of February 2014 between 9.30 am and 4.30 pm. Initially the session started with the basics of the computer and this session was handled by Ms. Subhashree and Mr. Vigneshwaran of final year IT. The core aim was to make the school students to be familiar with Microsoft Office Package which might be helpful to them in their academic learning process. Microsoft Office Word was then taught by Ms. Usha and Ms. Sumitha Shree of final year IT. In MS Word students were taught to add data in a page and also the other formatting options available. Following MS Word, Ms. Midhuna and Ms. Devi of final year IT handled Microsoft Office Excel. In MS Excel the students were guided to create an excel sheet and were taught to use formula for calculations. Microsoft Office PowerPoint was the next on the agenda which was handled by Ms. Sri Saranya and Ms. Yogaprabha of final year IT. In this session the school students were taught how to create a simple presentation. Moving on, there was a short session in which the school students experienced what is internet and how to effectively use Google search. This session was handled by Mr. Mukunthraj of final year IT. School students then gave their feedback about the program which was a great motivation for us to conduct these sort of activities regularly. Finally the day was wrapped by awarding the school students with certificates for showing immense interest and endless involvement in all the sessions. The certificates were awarded by our Honourable Principal Dr. K. Porkumaran who is the backbone of our institution. The vote of thanks was proposed by Ms. Samyuktha of final year. At the end of the day, Department of IT was filled with joy and happiness for having done something very useful. We, still, are very keen and wish to organize similar programs in the future.

TEACHERS' DAY CELEBRATION

As a tribute to Dr. RADHAKRISHNAN, we celebrated teacher's day in department of Information Technology on September 5th, 2013 at 2.00 PM with welcome address by Ms. Hannah Marline. We eagerly invited all the faculties of our department including non-teaching staffs. With no regret, they all participated whole heartedly.

We conducted many events to trigger their creativity and all the faculties participated enthusiastically in events like "musical chair", "pocket the ball", "paper crafting", "guess the personality", and "cook up the stories with pictures".

The winners of each event were encouraged with prizes. All the students of final B.Tech IT (Batch 2010-2014) engaged themselves

in organizing and conducting the events. They also played the role of audience and judges. By the end of the celebration, the faculties and the students were provided with refreshments. The teacher's day celebration was finally ended with vote of thanks declared by Ms. Subhashree.

It was not only a day of celebration but also it was a day of team work and unity. It also turned into a day where we got an opportunity to showcase our sincere gratitude and respect to our faculty members for their contribution in all our endeavors. It was a mere enjoyment and we 74all had a great time.



The best teacher teach from the heart and not from the book

-Anonymous

WEBPRENEUR WORKSHOP

The 2 day Workshop "TECHUNT 2014 – Webpreneur Workshop & Competition" was organized by Department of Information Technology in association with Computer Society of India from 27th February 2014 to 28th February 2014. The Workshop started with Welcome Address by Dr.V.Vani Professor & Head, IT. Ms.Aruna G of III IT introduced the Speaker Mr. Karthik Ragubathy, CEO, Learn Flow to the gathering. Then, Mr. Karthik Ragubathy took over the session. **Day 1:** Introduction to HTML, CSS and Essential Web Development Skills were handled by the speaker in Session 1 followed by Introduction to PHP and Content Management System in Session 2. **Day 2:** Hacking Word Press was handled in Session 1 and moved on with Internet Marketing in Session 2. Session 3 went on with Webpreneur Competition. Ms. Dhanusha.N, Ms.Arlin Anna Philip, Ms.Princy Simirna.G and Ms. Yagna Priyadharshini. H of II IT Team was announced as winners and they will compete in other regional round winners at IIT Madras. The participant's and achiever's certificates were distributed during the valedictory function by the speaker, the convener Dr. V. Vani, and the coordinators Ms. Shanthi S. and Mr.Mani Deepak Choudhry. The 2 days' workshop came to an end with the vote of thanks proposed by Mr.Mani Deepak Choudhry.



Google





TECH-FEST



The cultural extravaganza-Tech fest was conducted for the first time at Dr.N.G.P Institute of Technology on the 23rd of January, 2014. The event was inaugurated by our Madam Secretary,Dr.Thavamani.D.Palanisamy along with our esteemed Principal Dr.K.Porkumaran.The ceremony flagged off with a colorful dance performed by the tiny tots of The N.G.P School. The events were taken forward by the students of various departments of Dr.N.G.P IT, show casing their talents by participating in various on stage events. The off stage events were conducted in-prior on the 21st and 22nd of January, 2014. Several students from the department of Information Technology earned everyone's spur by exhibiting their talents. The Valedictory function was headed by our Chairman Dr.Nalla.G.Palanisamy.



R.Dharshini,II IT won III place in SOLO DANCE



Sudhan Kumar.S and group won 3rd place in GROUP DANCE



G.Aruna and K.Mohanapriya of III(IT) won 1st place in COLLAGE



Mukunthraj.R
Sunilavinashratnam.S
Vigneshwaran.B
VigneshMadhev.T
Paramesh Kanna.E
of IV(IT) won III place in ADZAP.



K.Mouneswar of III(IT) won 1st place in English POEM WRITING



A.Venugopal III(IT) won III place in Tamil poem writing



Poornima.J and Mary Stintta.S of IV(IT) won 2nd place in JUNK ART



Mukunthraj.R and Sunil Avinash Ratnam.S won 2nd prize in QUIZ

Finally, the department of Information Technology proved that-"Let no feeling of discouragement prey upon you and in the end, you are sure to succeed.

TECH FEST
Inter Department Cultural Meet
23.01.2014



INTERVIEW WITH TOPPERS



Ms. V. ABIRAMI (IV IT)

ABIRAMI (IV IT) says that she gives equal importance to all the subjects and she always prefers to attend 2 marks questions first. She wanted her performance to be consistent and always longed for a meritorious performance. Her advice to us is to work out problems daily and to start the exam preparation well before. She schedules her time by preferring to prepare the units which she had not yet covered. She insists on resource sharing and combined studies so that it will mutually benefit. She signs off with a success quote that **"PERSISTENCE IS THE BEST WAY TO SUCCESS"**.

Ms. G. PAVITHRA (III IT)

PAVITHRA (III IT) says that she concentrates on problematic paper more and solve all the type of problems in prior. She always finishes her examination before 30 minutes to verify her paper. During The study holidays she believes in beforehand preparation. She used to be attentive in class and she presents her exam papers neatly. She gives her success quote that **"BE PREPARE ANYTIME ANYWHERE"**.



Ms. K. P. REGHA (II IT)

REGHA (II IT) as a topper of her class gives her background of success that she manages the time well (i.e.) she would first revise the chapters and then pay more concentration on untouched units. During the study holidays she used to study the subject which has more credit points, so that CGPA would increase. She adds that she gives importance to all the units as the same and do not depend on university question papers. She gives neat presentation by using only black and blue pens and that she would attend her 2 mark questions first and next comes the 16 mark questions. At last she gives a beautiful quote as **"DON'T COMPLAIN JUST WORK HARD"**



Education is what remains after one has forgotten what one has learned in school.

-Albert Einstein

TREND 1: PLATFORM ARCHITECTURE

One of the most significant trends identified in the report finds that the age of “viewing everything through an application lens is coming to an end.” Instead, platform architectures will be selected primarily to cope with soaring volumes of data and the complexity of data management, not for their ability to support applications.

The tried and true relational database will not go away, but it will soon start to make way for other types of databases – streaming databases, for instance – that mark a significant departure from what IT departments and business users have relied on for decades.

TREND 2: SOCIAL PLATFORMS

The report also predicts the evolution of social media into social platforms. This means company websites may no longer be the first port of call for customers. This has the potential to disrupt the way companies conduct business, posing new challenges – and opportunities – for IT. For example, “social identities” – based on the rich history of information that individuals leave in social networks – will become much more valuable to businesses than the traditional and isolated information they get when an individual registers on their corporate website.

TREND 3: CLOUD COMPUTING

A new conversation emerging around cloud computing, this will become so pervasive that the term itself becomes superfluous. According to the report, hybrid clouds – software-as-a-service (SaaS) and platform-as-a-service (PaaS) in combination with internal applications – will “cement IT’s role as a driver of business growth.”

The focus will shift from simple infrastructure solutions to developing cloud strategies that deliver increased functionality and flexibility using a mix of public and private cloud-based application and platform services. While many challenges remain, cloud is nonetheless poised to change the face of enterprise computing.



By Mr. Mani Deepak Choudhry,
Lecturer IT.

TREND 4: DATA SECURITY

The fortress mentality, in which all IT has to be architected to be fool proof is giving way to security architecture that, responds proportionately to threats when and where they happen.” As a result, the role of people in data security will decline, replaced by automated capabilities that detect, assess, and respond immediately.

TREND 5: DATA PRIVACY

Individual privacy will take center stage as a result of increased government regulation and policy enforcement. The report concludes: “We expect that leading players will develop superior levels of understanding, enterprise-wide, about the distinctions between being a data processor – broadly handling the personal data of others – versus being a data controller, thus lowering the risks of unwitting breaches or privacy regulations and perceptions of privacy breakdowns.”

TREND 6: ANALYTICS

Companies that continue to view analytics as a simple extension of business intelligence will be “severely underestimating analytics’ potential to move the needles on the business.” Among other failings, traditional BI does not take advantage of the wealth of unstructured data that is now available. IT leaders will need to work closely with business leaders to identify where analytics can be leveraged effectively, as well as the proper mix of services required to optimize analytics capabilities across the enterprise.

TREND 7: ARCHITECTURE

Information technology is evolving from a world that is server-centric to one that is service-centric. Companies are quickly moving away from monolithic systems that were wedded to one or more servers toward finer-grained, reusable services distributed inside and outside the enterprise. The goal: to decouple infrastructure, systems, applications, and business processes from one another.

TREND 8: USER EXPERIENCE

Today, business process design is driven by the need for optimization and cost reduction. Tomorrow it will be driven by the need to create superior user experiences that help to boost customer satisfaction. Great user experiences will require more layered approaches than what is typical today. As such, application design will be a multidisciplinary exercise: Typically handled today by IT architects and business owners, tomorrow it will involve optimization from the perspective of the process actor, with the emphasis on simplicity and on removing inefficiencies.

ZIGBEE Wireless Technology

By Mr.D.Premkumar, Assistant Professor/IT.

Introduction to ZigBee

ZigBee is the set of specification built around the IEEE 802.15.4 wireless protocol. The Bluetooth focuses on connectivity between large packet user devices, such as laptops, phones, and major peripherals; ZigBee is designed to provide highly efficient connectivity between small packet devices. As a result of its simplified operations, which are one to two full orders of magnitude less complex than a comparable Bluetooth device, pricing for these devices is extremely competitive, with full nodes available for a fraction of the cost of a Bluetooth node. They are also actively limited to a through-rate of 250 Kbps,

to create personal area networks built from small, low-power digital radios though low-powered, ZigBee devices can transmit data over long distances by passing data through intermediate devices to reach more distant ones, creating a mesh network; i.e., a network with no centralized control or high-power transmitter/receiver able to reach all of the networked devices.

ZigBee networks are secured by 128 bit symmetric encryption keys. In home automation applications, transmission distances range from 10 to 100 meters line-of-sight, depending on power output and environmental characteristics.

ZigBee was conceived in 1998, standardized in 2003, and revised in 2006. The name refers to the waggle dance of honey bees after their return to the beehive.

ZigBee Home Automation

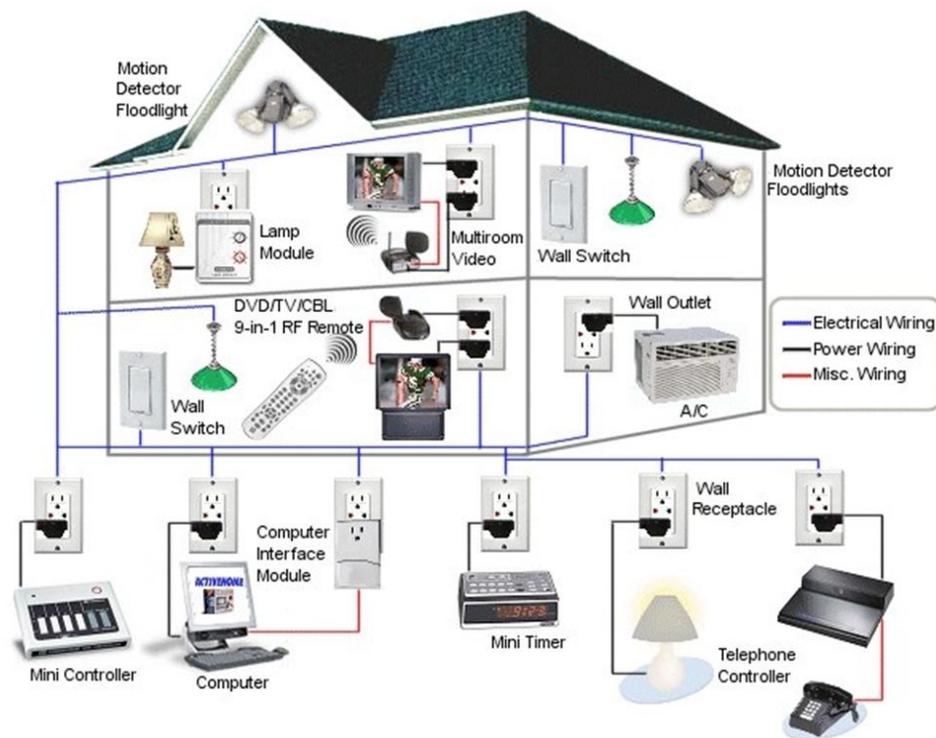
ZigBee Home Automation is the industry leading global standard helping to create smarter homes that enhance the comfort, convenience, security and energy management for the consumer. It is the

the battery life for security sensors to over seven years, standardize pairing of devices and simplify installation and maintenance for consumers and custom installers alike. These features have a significant impact on operational and device costs to service providers and quality of service to consumers.

ZigBee devices are of 3 types, Coordinators, Routers, and End Devices. Coordinators control the network formation and security. Routers pass on the signal and extend the network range. End Devices perform specific tasks such as turning on a light or taking a reading.

Low Power Consumption

ZigBee devices are designed for low power consumption. Devices put themselves to sleep when not in use, thereby conserving power. This makes these devices ideal for battery-operated applications because they can last for several years before needing new batteries. ZigBee Home Automation delivers a standard that can make every home a smarter, safer and more energy efficient environment for consumers and families.



compared to the much larger pipeline of 1 Mbps for Bluetooth, and operate on the 2.4 GHz ISM band, which is available throughout most of the world.

ZigBee is a **specification** for a suite of high level communication protocols used

technology of choice for world-leading service providers, installers and retailers.

The latest version of ZigBee Home Automation standard, which is fully interoperable with previous versions, adds several important new features that improve

Think positive, say to yourself every morning

Today is going to be a great day

I can handle more than I think I can

Things do not get better by worrying

About them.....

I can be satisfied if I try to do

My best...

There is always something to be

Happy about

I'm going to make someone happy today!!!

By

**S.Amirtha Priya
II(IT)**

Reference:

1) <http://www.informit.com/articles/>

2) <http://www.zigbee.org/About/AboutTechnology/ZigBeeTechnology.aspx>

Wi-Fi Phones-VOIP through Wi-Fi

by Ms.G.Aruna, III B.Tech IT



Technology has always been a fascinating and an unbelievable trend setter in the society. Communication across the globe was a dream of the twentieth centuries but it has become a part of everybody's life today. The evolution in the field of phone communication has been dramatic starting from the telephone communication to the wireless networks. The next expected evolution is the invention of the WiFi phones that are likely to replace the landlines or cellphones or both.

Transfer of voice data has made communication lively by usage of phone communication through landlines and cellphones. Though telephones have been largely replaced by cellphones there are very minor differences in the cost and the mechanism. We cannot deny that cellphones have provided a wide roaming usage area for the users with high efficiency. But the costs are not really impressive. WiFi comes to the help by providing a low cost communication.

WiFi though does not have a wide usage right now, is expected to bang the globe with a wide usage. WiFi networks are not available everywhere now. It may sound for a person with a weak network of friends using the same VoiP connection that his/her landline or cellphone connection is cheaper than a WiFi connection. Yes, WiFi has some limitations like this. Though it may sound

impractical, there is no doubt that WiFi phones will find a mass evolution among the people in the near future.

WiFi phones though are not prevalent among all, they have found their entry among some users across the globe. WiFi phones have some really irritating properties that prevent the user to opt for a WiFi phone. Every time a user changes the admin or the WiFi network the phone is likely to get reset. But still the cost reducing factor of the WiFi phones will make it an existent one in future. Apart from this, there might be hybrid phones, the ones containing the facilities of both the conventional cellphone and the WiFi technology that will allow the user to switch between modes according to the network availability. He or she could use the WiFi network when it is available and switch over to the cellphone mode when a WiFi network is not available.

Whatever might be the disadvantage, WiFi phones are almost ready to hit the market very soon on a commercial side breaking all the obstacles that might prevent them from being the best.

**"A PICTURE IS A SECRET ABOUT A SECRET,
THE MORE IT TELLS YOU THE LESS YOU KNOW"**

PHOTOGRAPHY



Sun set-By Dileep.B, II B.Tech IT

"When I admire the wonders of a sunset or the beauty of the moon, my soul expands in the worship of the creator"



Green sight-By Dileep.B, II B.Tech IT

"Green is the prime color of the world, and that from which its loveliness arises"



Ants- Poorana Chandran.M, IV B.Tech IT

"Life is priceless even to an ant"

Automatic Ticket Vending Machine

By S.Gokul Krishnan, M.Sujitha II B.Tech IT

The reservation of railway tickets in India is done by either of the two methods. One is that the individual goes to the counter in the Indian Railways and book the ticket i.e. reservation of ticket. Next method is online reservation. These methods are time consuming and timing factor since the railway station office will be active only from 8 AM to 10 PM. By this improved method we can provide general ticket and reservation ticket for 24 hours. This is an improved application which is useful for all users. ATM can be used for booking railway tickets besides banking. This process does not need a credit/debit card. Instead railway department offers a special Railway Reservation Card (RR card). Using this card the user can book ticket in an ATM machine. Hence this machine can also be known as Automatic Ticket Vending Machine (ATVM).

How Apple Got Its Name?

By Ms. A. S. Subhashree IV B.Tech IT.

Steve Jobs worked summer jobs at a California apple farm. He also liked the Beatle and their label, Apple Records. The name of the Apple Company was nothing fancy. It was named after the fruit. But at least it was not a typo error like in Google, whose original name was Googol and a student mistook the name and spelled it wrong during its registration.

Apple found its first computer on April 1, 1976.

How apple got its logo?

The very first Apple logo featured Sir Isaac Newton sitting under a tree, with an apple about to hit his head. There's the idea that, it is a tribute to mathematician Alan Turing, who committed suicide by taking a bite of an apple laced with cyanide.

Rob Janoff, designer of Apple's iconic logo in an interview said "I bought a

bunch of apples, put them in a bowl and drew them for a week or so to simplify the shape. The bite is about scale and the common experience of biting into an apple. It was a happy accident that 'byte' is a computer term, and there's no truth to 'biting from the fruit of knowledge' symbolism myths!"



The Name "Macintosh" Was Inspired by an Apple

He took away a range of ideas about computer design and graphical user interface and developed two families of computers, the Lisa and the Macintosh. Although the Lisa failed commercially, the Macintosh succeeded

Apple employee Jef Raskin is responsible for coining the machine after his favourite variety of apple, smartly tying the whole fruit theme together.

Macintosh was just a code-name and Steve Jobs is said to have tried to change the project's name to "Bicycle" while the McIntosh-loving staffer was out of office

The "i" Lives On

With the October 23, 2001 release of the iPod, the "i" nomenclature became cemented into Apple culture. Of course the iPhone really cemented the iconic use of the "i". In the case of the iPad, it was not an easy journey, there was a lot of pressure on Apple not to name the tablet an iPad. For obvious reasons it was suggested that this would make the product the endpoint of jokes. Steve had none of this and was determined to continue on with the "i" nomenclature.

Before "i" nomenclature the name that Steve Jobs wanted was... MacMan

Steve Jobs and Steve Wozniak with veteran engineer Ron Wayne. Steve Jobs and Steve Wozniak founded Apple with veteran engineer Ron Wayne Wayne's never owned an Apple product.

FOOT PRINT

-HANNAH MARSLINE IV B.TECH IT

*One night a man had a dream.
He dreamed he was walking
along the beach with the Lord.
Across the sky flashed scenes
from his life. For each scene, he
noticed two sets of footprints
in the sand: one belonging to
him, and the other to the
Lord.*

*When the last scene of his life
flashed before him, he looked
back at the footprints in the
sand. He noticed that many
times along the path of his life
there was only one set of
footprints. He also noticed that
it happened at the very lowest
and saddest times in his life.*

*This really bothered him and he
questioned the Lord about it.
"Lord, you said that once I
decided to follow you, you'd
walk with me all the way. But I
have noticed that during the
most troublesome times in my
life, there is only one set of
footprints. I don't understand
why when I needed you most
you would leave me."*

*The Lord replied, "My precious
child, I love you and I would
never leave you. During your
times of trial and suffering,
when you see only one set of
footprints, it was then that I
carried you"*



Mentally Strong People: The 13 Things They Avoid



By Mr.S.Sudhan Kumar III B.Tech IT

1. Waste Time Feeling Sorry for Themselves. You don't see mentally strong people feeling sorry for their circumstances or dwelling on the way they've been mistreated. They have learned to take responsibility for their actions and outcomes, and they have an inherent understanding of the fact that frequently life is not fair. They are able to emerge from trying circumstances with self-awareness and gratitude for the lessons learned. When a situation turns out badly, they respond with phrases such as "Oh, well." Or perhaps simply, "Next!"

2. Give Away Their Power. Mentally strong people avoid giving others the power to make them feel inferior or bad. They understand they are in control of their actions and emotions. They know their strength is in their ability to manage the way they respond.

3. Shy Away from Change. Mentally strong people embrace change and they welcome challenge. Their biggest "fear," if they have one, is not of the unknown, but of becoming complacent and stagnant. An environment of change and even uncertainty can energize a mentally strong person and bring out their best.

4. Waste Energy on Things They Can't Control. Mentally strong people don't complain (much) about bad traffic, lost luggage, or especially about *other people*, as they recognize that all of these factors are generally beyond their control. In a bad situation, they recognize that the one thing they can always control is their own response and attitude, and they use these attributes well.

5. Worry About Pleasing Others. Know any people pleasers? Or, conversely, people who go out of their way to *dis*-please others as a way of reinforcing an image of strength? Neither position is a good one. A mentally strong person strives to be kind and fair and to please others where appropriate, but is unafraid to speak up. They are able to withstand the possibility that someone will get upset and will navigate the situation, wherever possible, with grace.

6. Fear Taking Calculated Risks. A mentally strong person is willing to take calculated risks. This is a different thing entirely than jumping headlong into foolish risks. But with mental strength, an individual can weigh the risks and benefits thoroughly, and will fully assess the potential downsides and even the worst-case scenarios before they take action.

7. Dwell on the Past. There is strength in acknowledging the past and especially in acknowledging the things learned from past experiences—but a mentally strong person is able to avoid mirroring their mental energy in past disappointments or in fantasies of the "glory days" gone by.

They invest the majority of their energy in creating an optimal present and future.

8. Make the Same Mistakes Over and Over. We all know the definition of insanity, right? It's when we take the same actions again and again while hoping for a different and better outcome than we've gotten before. A mentally strong person accepts full responsibility for past behavior and is willing to learn from mistakes. Research shows that the ability to be self-reflective in an accurate and productive way is one of the greatest strengths of spectacularly successful executives and entrepreneurs.

**THINK
WORK SMARTER
NOT HARDER**

9. Resent Other People's Success. It takes strength of character to feel genuine joy and excitement for other people's success. Mentally strong people have this ability. They don't become jealous or resentful when others succeed (although they may take close notes on what the individual did well). They are willing to work hard for their own chances at success, without relying on shortcuts.

10. Give Up After Failure. Every failure is a chance to improve. Even the greatest entrepreneurs are willing to admit that their early efforts invariably brought many failures. Mentally strong people are willing to fail again and again, if necessary, as long as the learning experience from every "failure" can bring them closer to their ultimate goals.

11. Fear Alone Time. Mentally strong people enjoy and even treasure the time they spend alone. They use their downtime to reflect, to plan, and to be productive. Most importantly, they don't depend on others to shore up their happiness and moods. They can be happy with others, and they can also be happy alone.

12. Feel the World Owes Them Anything. Particularly in the current economy, executives and employees at every level are gaining the realization that the world does not owe them a salary, a benefits package and a comfortable life, regardless of their preparation and schooling. Mentally strong people enter the world prepared to work and succeed on their merits, at every stage of the game.

13. Expect Immediate Results. Whether it's a workout plan, a nutritional regimen, or starting a business, mentally strong people are "in it for the long haul". They know better than to expect immediate results. They apply their energy and time in measured doses and they celebrate each milestone and increment of success on the way. They have "staying power." And they understand that genuine changes take time. Do you have mental strength? Are there elements on this list you need more of? With thanks to Amy Morin, I would like to reinforce my own abilities further in each of these areas today. How about you?

THE BEAUTY OF LIFE

Once there was a discussion among the beautiful blooming flowers of a splendid garden. One flower said, "we are beautiful & attractive. And we produce nectar. But what is the use, we are not benefited of it! So let us stop blooming! Let us prevent these bees sucking nectar from us. Let us stop giving pleasure to these humans! Shall we?". All the flowers agreed and they stopped blooming and remained unbloomed. After that no bees visited them nor did the people admire them.

It was after which the flowers realised that they were of use to no one. Life is also the same way. Dependence is always in existence. When a thought of "why should we do this?" occurs, the meaning of the beauty of that dependency shatters.

-Mr.G..Manoj Kumar

III B.Tech IT.

India's Top Outsourcing Firm, TCS, Building World's Largest Corporate Training Facility

By Mr.G.Manoj Kumar III B.Tech IT.

Top Indian IT outsourcing firm, TCS, is setting up the world's largest corporate training center in the southern coastal city of Thiruvananthapuram. The center is being constructed on nearly 100 acres of land which will contain over 6 million square feet of buildings – and infrastructure to match the world's best university campuses. The center will have a capacity to train 50,000 IT professionals each year, and about 15,000 at any given time.

TCS with an employee count closing in on 300,000 is India's largest private sector employer. Most of its workers are based in India and the average employee age is 27 years. This year, TCS will hire 50,000 employees. The humongous facility will train 'India's next generation of engineers and professionals,' TCS said in a note. "The new learning campus is geared to help deliver India's demographic dividend."

The training facility is being built at a time when India's \$108-billion IT services industry is attempting to shake out of a sluggish growth phase of the last couple of years. The most visible sign of the IT slowdown has been the slower rate of hiring entry-level workers. But it is a dynamic industry and TCS and other IT firms have to stay apace with speedy technological changes. For instance, many of them are investing heavily in SMAC – the growing confluence of social media, mobility, analytics and cloud computing technologies. TCS' new training center will offer courses in these new emerging technologies. The company said that it will employ new learning concepts such as social collaboration, gamification and peer-enabled learning methodologies well suited for a new generation of young Indians.

The TCS Learning Campus, when ready, will outdo rival Infosys' huge training base in the southern city of Mysore, a 337-acre mega campus that now holds the title of the 'world's largest corporate training facility' with 1.5 million square feet of built-up space including 485 faculty rooms and seven food courts. Infosys' learning center can accommodate 14,000 trainees at any given time. TCS' training campus will be organized around a central, iconic training building at a high plateau in the middle of the site and will include libraries and food courts. The residential buildings will have over 600 rooms. The training center's construction began after Prime Minister Manmohan Singh laid the foundation stone a couple of weeks ago and it will be completed in five years.

The orientation of the buildings has been planned to take advantage of prevailing wind conditions and increase passive cooling. The campus is planned as a sustainable facility with rain harvesting, 100% waste recycling and energy efficient systems.

The key is to keep company only with people who uplift you, whose presence calls forth your best.

-Epictetus



Time Management Tips for College Students

-Ms.M.Nivedha.
IV B.Tech IT

All college students suffer distractions, whether from extra-curricular activities, surfing the Internet, meeting new people or a job. Schools are aware of these factors that can interfere with students' lives and often provide resource that help students to fight time wasting.

What Are Some Time Management Tips for College Students?

Many schools' time management techniques have similar goals. They include the elimination of cramming for tests, reduction of anxiety pertaining to schoolwork and other responsibilities, the gaining of time for other activities and motivation. When developing time management techniques in college, it's important that students understand their goals as they pertain to time and have the ability to develop and follow a schedule. Without these factors, it's hard for students to understand the motivation behind their time management. Often, on time management sites provided by schools, students may download a scheduler, a weekly, monthly and yearly planner and worksheets pertaining to the distribution of one's tasks.

The University of Dartmouth (www.dartmouth.edu) includes a downloadable tip sheet which include time management skills. Some pertain to the following:

- Find ways to build on your success
- Keep long term goals in mind
- Plan each day
- Notice when you're being unproductive
- Break old and negative habits
- Concentrate effort on tasks that provide long term benefit
- Ask for advice

Penn State University (www.psu.edu) offers a time management page that helps students better understand their time management goals. Tips according to Penn State University include the following:

- Be specific when setting goals
- Review lecture notes everyday
- Schedule fixed blocks of time first
- Make use of time before and after class
- Schedule breaks
- Set clear start and stop times

Other time management tips include the following:

- Learn material the first time around
- Have confidence
- Learn what works for you
- Study difficult subjects first
- Work with classmatesSUCCESS IS YOURS!!!.....



Do You Know?

The most shivering author
Shakespeare

The richest author
Goldsmith

The heaviest author
Milton

The stylish author
James Jeans

The coldest author
Robert Frost

The sports poet
Tennyson

The most valuable poet
Wordsworth

The most cheerful author
Smoud Smiles

The poet who is at sea
Shelly

The holiest author
Alexander Pope

The most precious author
Pearl S. Buck

Waterless author
Dryden

The fast writer
Jonathan Swift

The difficult writer
Thomas Hardy

-Ms.P.YogaPrabha.
IV B.Tech IT

15 WAYS TO WAKE UP WITH MOTIVATION.

- 1) Have your biggest dreams written on a massive white board
- 2) Focus only on TODAY
- 3) Have only 3 things on your to do list that MUST BE accomplished
- 4) Practice discipline
- 5) Create an inspiring environment
- 6) Have a quotes list near your desk, and your bed
- 7) Workout everyday
- 8) Set mini, measurable goals
- 9) Work in 90-120 minute intervals, interspersed with active breaks
- 10) Don't work on small projects
- 11) Clean once a week
- 12) Take mini-vacations monthly
- 13) Read voraciously
- 14) Journal daily
- 15) Win your mental battles

-Ms.Sri Saranya.M
IV B.Tech IT

19 EFFECTIVE WAYS TO STAY MOTIVATED

- 1) Find your personal mantra
- 2) Get enough sleep
- 3) Whatever you eat matters a lot
- 4) Plan your day out
- 5) Get your swagga up!
- 6) Pump up the jamz
- 7) Your body deserves to be rewarded
- 8) Don't just sit there, get active
- 9) Remember some of your best moments
- 10) Don't just dream; dream biggest
- 11) Associate with positive minded people
- 12) Share your goals
- 13) Don't do it single-handedly
- 14) One step at a time
- 15) Look at the glass as half full, not half empty
- 16) Get real with yourself
- 17) Read inspirational books
- 18) Take a deep breathe
- 19) Invest in others

-Ms.Sri Saranya.M
IV B.Tech IT

LIFE

The life is like a water that runs to sea
From rivers or lake;
The way they come is different but
The destination is same for all;

There may be many obstacles for us
Not to make our life end but
To make interesting and check our ability.

Those who convert the negatives
Of their life into positive side
Will be Successful in life.

It's not the money or something
That makes you happy it's only
Your attitude or character and
The way you tackle your problem.

Face your problem with self-confident
And guts;
Not with the fear of failure
Make your life Worthful.

-Mr.S.Lakshmanan
III B.Tech IT

CURIOSITIES OF NUMBERS A TRICK OF "9"

- ❖ Write any six digit number (say 843529) and jumble up or mix up all the six digits and write the new number. Let it be 352894.
- ❖ Subtract the lesser of the two numbers from the bigger number.
I.e. $843529 - 352894 = 490635$.
- ❖ Ask your friend to bracket any number in the result obtained but not 0.
Suppose be brackets the number 6.
- ❖ Let him only tell you the total of the remaining number excluding the bracketed number, i.e. 6.
- ❖ Now the total of the remaining numbers would be $4+9+0+3+5=21$.
- ❖ Now he gives you the number 21.
- ❖ Mentally you calculate the possible first higher number that is divisible by 9.
- ❖ The next higher number to 21 is the number 27 which is divisible by 9.
- ❖ That is $9 \times 3 = 27$.
- ❖ $27 - 21 = 6$ and the ans is bracketed one.

-Mr.S.Ragul Deepsen Kumar,

II B.Tech IT.



தமிழ் சாரல்



முற்றுப் பெறாத முடங்கல்....

கடிதம் எழுத ஆரம்பித்தேன்- ஆனால்
இடையில் வந்த தடங்கலால்- அது
முற்றுப் பெறாத முடங்கலாகிவிட்டது

விலைவாசி ஏற்றம் கண்டு-
நிலையிலா அரசுக்கு கடிதம் எழுதினேன்
முடிப்பதற்குள் ஆட்சி முடிந்து போனதால்
முற்றுப் பெறாததாகிவிட்டது முடங்கல்

வேலைக்கு விண்ணப்பம் எழுதினேன்
நாளைக்கு அனுப்பலாம் என்றிருந்த
வேளையில் நடந்தது அங்கு-
வேலை நிறுத்தம்- எனவே
முற்றுப் பெறாததாகிவிட்டது முடங்கல்

கஷ்டத்தை மக்களுக்கு- களித்து
கைலாயத்தில் தங்கி விட்ட
கடவுளுக்கு கடிதம் எழுதினேன்
கடவுளில்லை என்ற நினைவு
கடைசியில் தோன்றியதால்
முற்றுப் பெறாததாகிவிட்டது முடங்கல்

தென்றலின் சுவைப் பற்றி-
தெள்ளு தமிழில் எழுத ஆரம்பித்தேன்
தென்றலே புயலாய் மாறியதால்
முற்றுப் பெறாததாகி விட்டது முடங்கல்!!

நண்பனின் நலங்கேட்டு
நானெழுத அமர்ந்தேன் கடிதம்- அந்த
நண்பனே பகைவனாய் போனதால்
முற்றுப் பெறாததாகிவிட்டது முடங்கல்

காதலிக்கு களிப்பூட்ட
கற்பனைக்கு உயிர் கொடுத்து எழுதிய நேரத்தில்
காதலனே மறந்துவிடெனையென்று
கடுமொழி உரைத்திட்டாள்- எனவே
முடங்கல் முற்றுப் பெறாததாகிவிட்டது!

- இ.பரமேஷ்கண்ணா
இறுதியாண்டு தகவல் தொழில்நுட்பம்

தன்னம்பிக்கை

புயலே!
உன்னைத் தடுக்க கடலில் உள்ள நீரின்
அளவு குறைந்தால் போதும்
மழையே
உன்னைத் தடுக்க மரங்களின்
அளவு குறைந்தால் போதும்
தோழியே
உன்னை தெரிந்து கொள்ள நான்
உன்னிடம் பழகினால் போதும்
வெற்றியே
உன்னை அடைய நான் விடா முயற்சி
செய்தால் போதும்
ஆனால்
அனைத்தையும் நாம் அடைய
தன்னம்பிக்கை மட்டும் இருந்தால் போதும்

-பானு பிரியா.ம
இறுதியாண்டு தகவல் தொழில்நுட்பம்

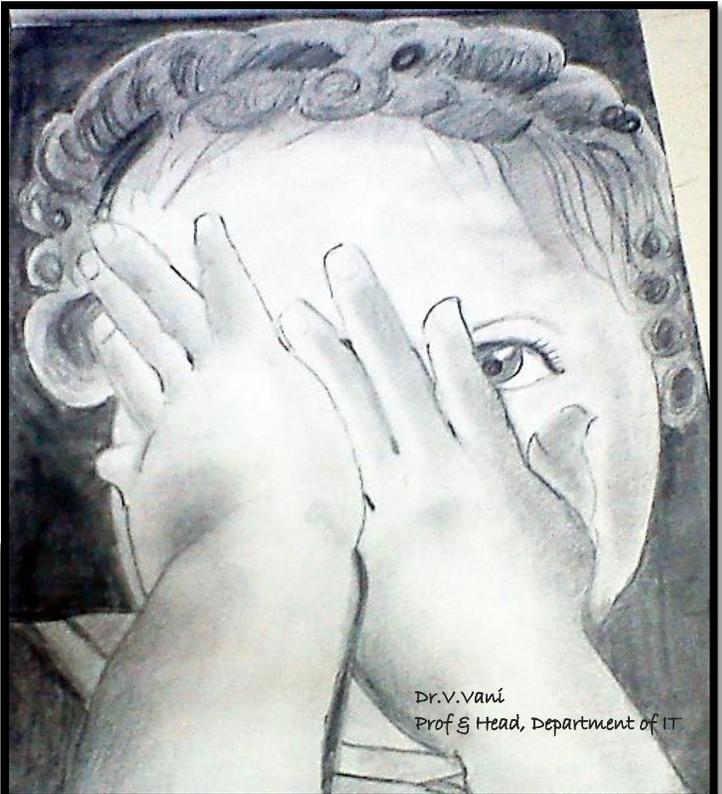
இயற்கை அன்னை

சுனாமி என்னும் சூறாவளிக்காற்றே!
சுட்டு விரல் அசையும் நேரத்துள்
சுருட்டி அணைத்த சூறைக் காற்றே
நாட்டில் ஒற்றுமை குறையும் போது
மனிதநேயம் கற்றுத் தர வந்தயோ?
இல்லை, வாழத் தெரியவில்லை என்று
மக்கள் வாழ்வதனை முடித்தாயோ
அன்னை என்பவள் ஆறுதல் தருபவள் தானே
ஆனால், கடல் தாய் எனும் நீயோ
மனித வாழ்வை அணைத்தாயே!
கடலே உலகம் என்றிருந்தவர்களை
உன் உலகம் காண உள்ளே கொண்டு சென்றாயோ?
காடு கொண்டால் நாடு தாங்காது என அறிவோம்
ஆனால், கடல் கொண்டால் என்னவென்று அறிந்தோம்
மழை வேண்டி யாகும் வளர்ப்போம்
மரம் வளர்ப்போம்
கடலே நீ கட்டுக்குள் இருக்க
நாங்கள் என்ன செய்வது?
இயற்கை இயற்கையாய் இருக்க வேண்டுமே தவிர
இன்னல்களை தரலாகாது

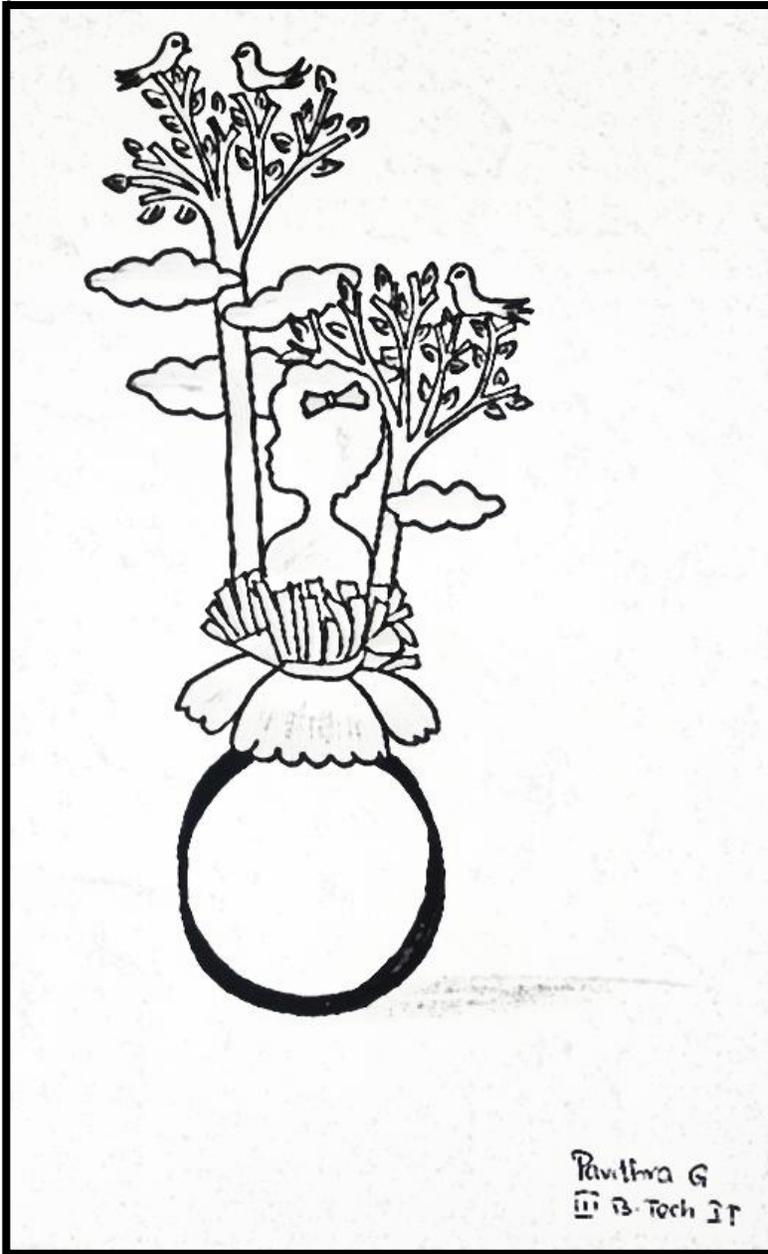
-பானு பிரியா.ம
இறுதியாண்டு தகவல் தொழில்நுட்பம்

ARTISTS

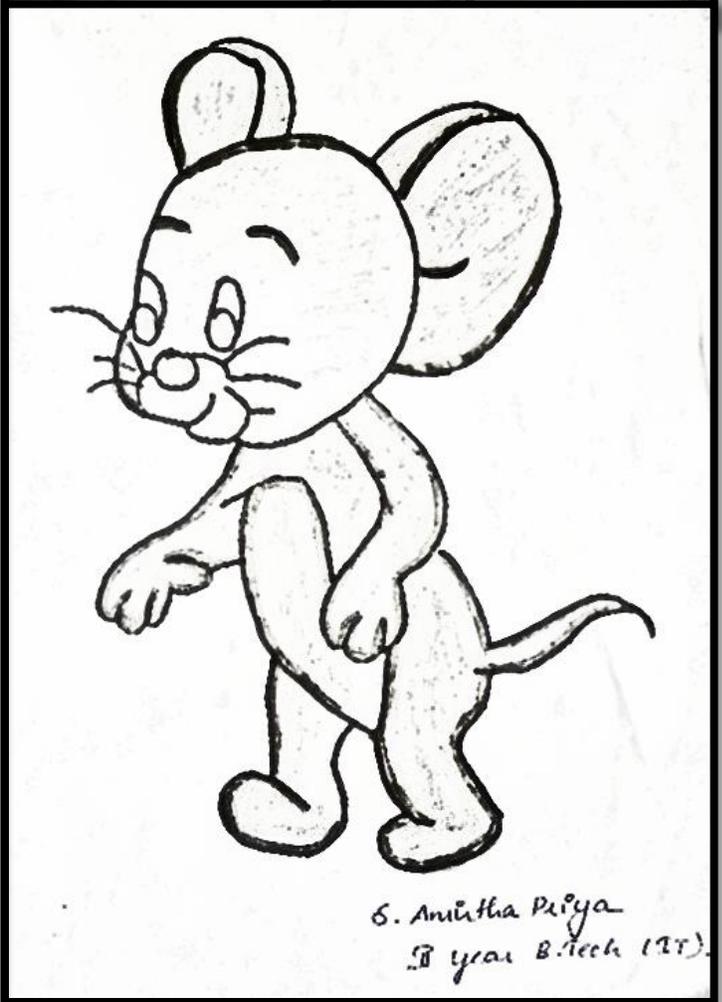
“Art is the lie that enables us to realize the truth”



Dr.V.vani
Prof & Head, Department of IT

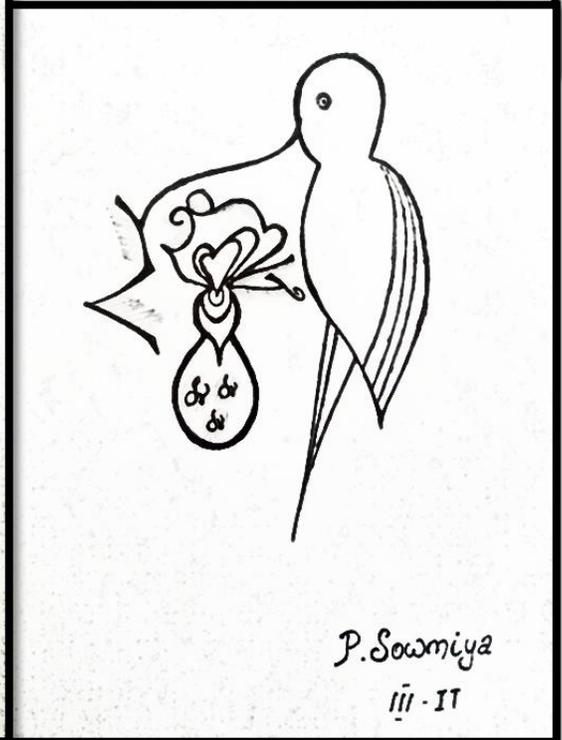
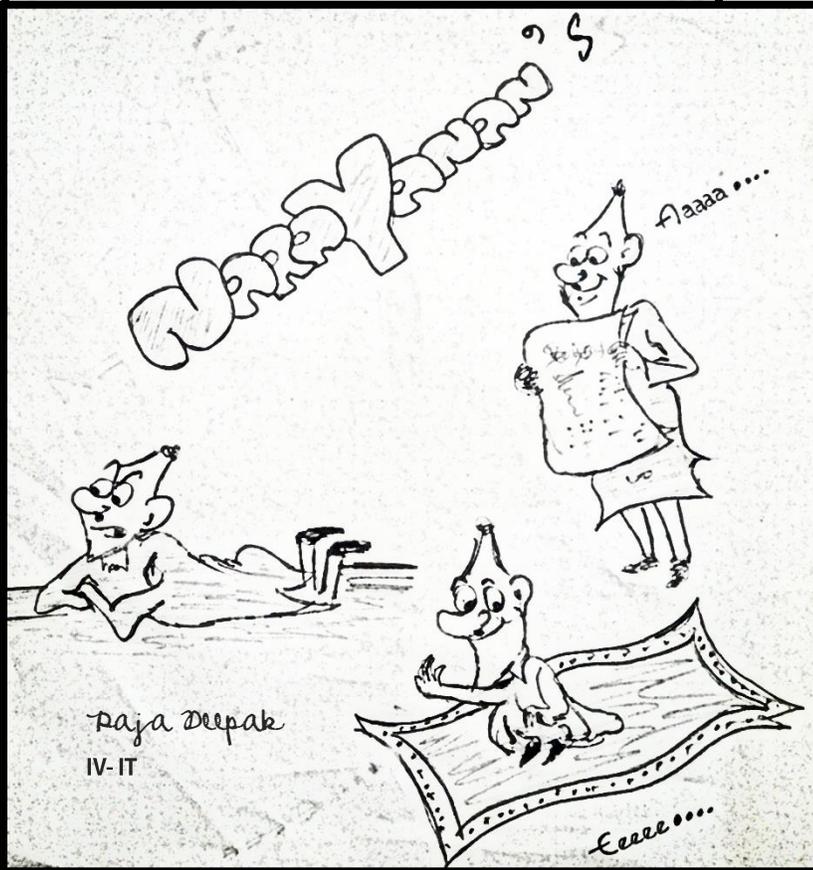
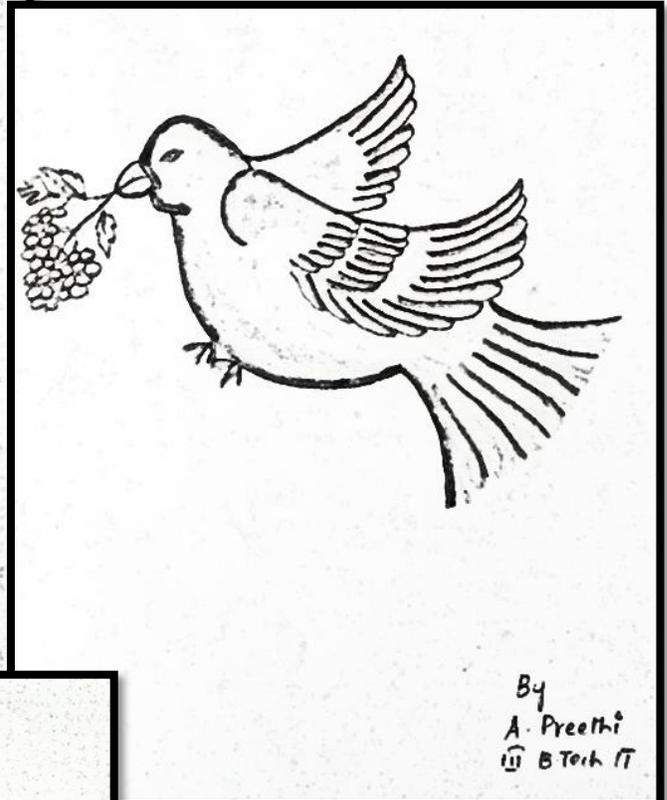


Pavithra G
III B.Tech IT

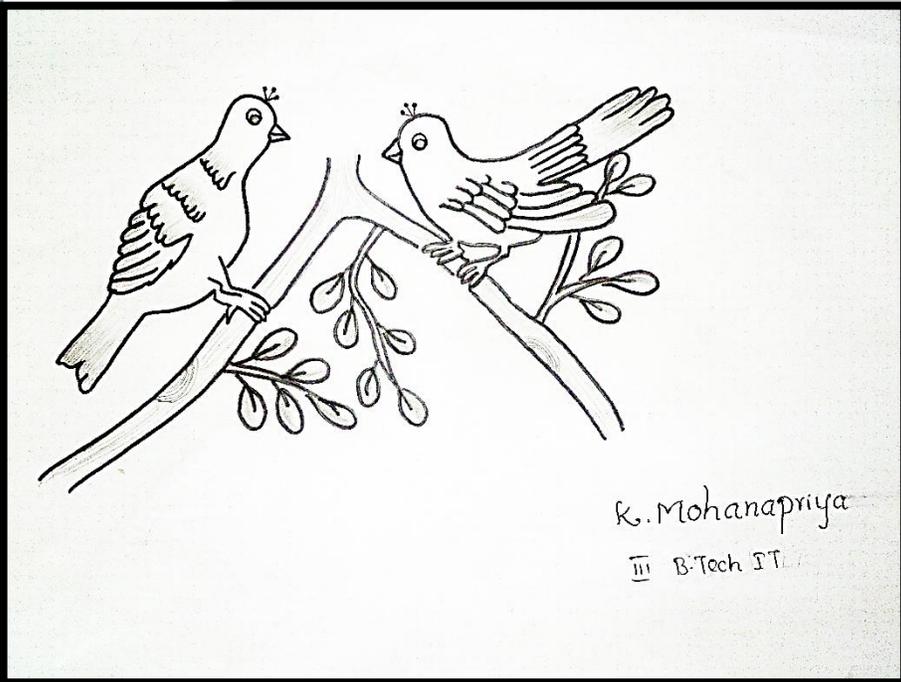
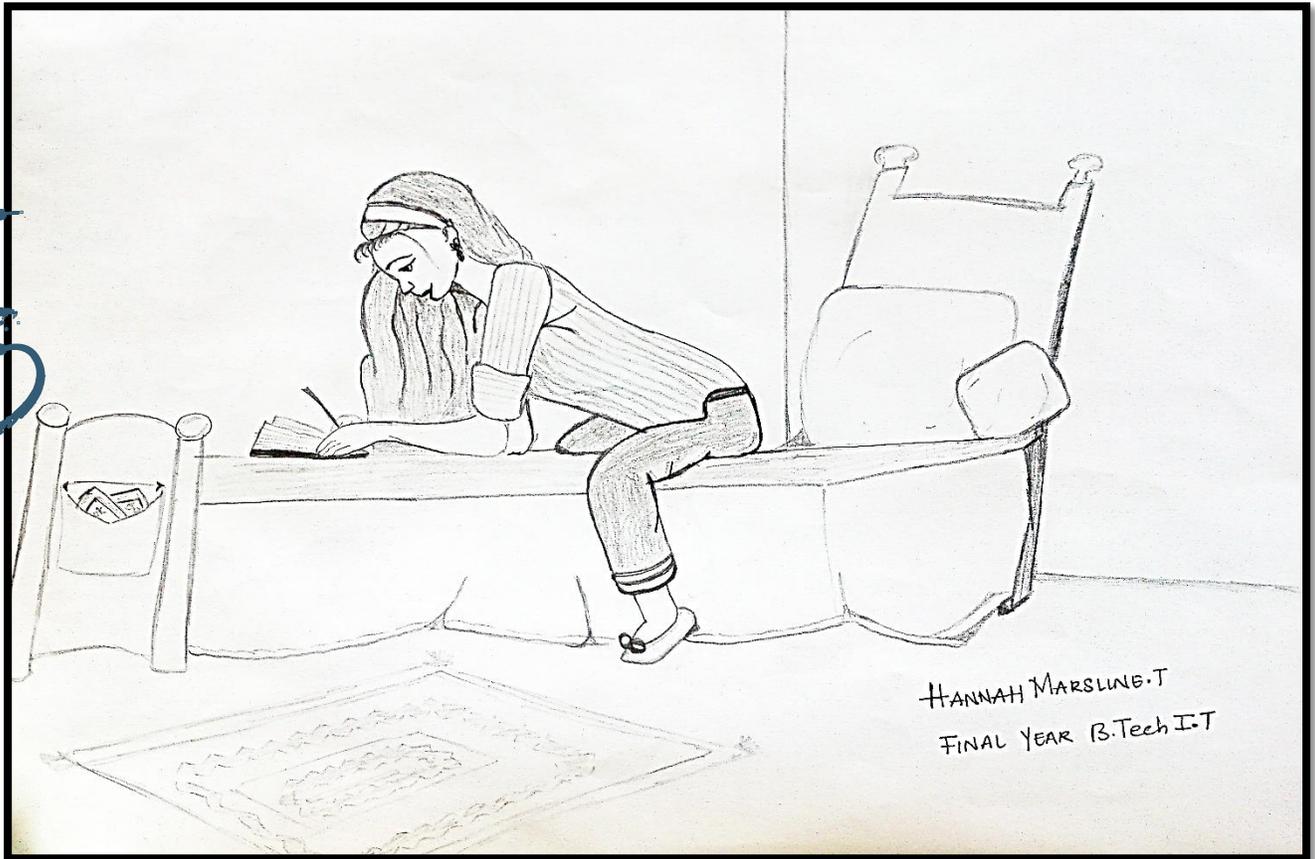


S. Anurtha Priya
III year B.Tech (IT)

ARTISTS



ARTISTS



Art enables us to find ourselves and lose ourselves at the same time

Success Stories



MUKUNTHRAJ.R

Won't anyone be happy when they get placed...??? Yes, I was in cloud nine when I knew that I got placed... I know that I had what it takes to get placed but yet I was quiet nervous during the time of interview... The interview process was not too tough but being confident played a vital role... The corporate people had an entirely different style which must be experienced by all the professionals and yes, I will soon be a corporate person too... Just a piece of advice to my juniors... Do not leave back what you have studied, carry it through out which might come in handy at some point of time... All the very best to my juniors... Finally I'm going behind my passion....

!... PASSIONATELY COGNIZANT ...!

GAYATHRI.K

Every success story is also a story of great failure.

Tom Watson Sr. said, "If you want to succeed, double your failure rate."

*Myself Gayathri.K Final B.Tech (IT) placed in **SemantiSpace Technologies**, Hyderabad. I am very happy to be one among the success stories. As said by the quotes above, I too didn't reach to the success even at the first attempt. The only thing you need to have is hard work and perseverance. I have learnt many from my failure. I looked myself and improved my skills there on. My self-confidence and hard work helped me to reach success.*

So, look at yourself! Improve where you are lacking! Reach to the success of life!

MIDHUNA.S

*All people who deserve for success wait for an opportunity to open the doors of success. And I am one such person who got an opportunity to knock the doors of **COGNIZANT**. A man who wishes to climb the Everest to reach the top, he needs will power, hard work, spirit, and a guide, a hand loop where hard stones and rocks are the path to reach the top. As like, Success also needs will power, hard work, spirit, a guide, a hand loop and a right path. As for my success my effective work ,my parents as my spirit ,my teachers as my guide, Anna University as my hand loop ,confidence as my path that made me to hit the doors of **COGNIZANT**. I grabbed the opportunity given to me for walking towards the doors of **COGNIZANT**. With enough confidence and will power I took part in the Cognizant Campus Drive. Though I had little fear in me I attempted all the four rounds with confidence. At each round I had a new experience and I learnt what I should improve in. I hope **COGNIZANT** gave me that opportunity to analyze myself.*

I would like to share my experience about what I learnt in each round and what should others take into mind. The rounds of Recruitment may vary from corporate to corporate but there are certain things should be bore in mind. To start with, as for Group Discussion, One should be bold and confident with good fluency. Group Discussion is mainly to test one's communication skills .When one is good enough in his/her vocabulary then it is easy to tackle in GD round. Coming to the next part of the round where one should exhibit their knowledge is the online test. One's reasoning ability, logical thinking and analytical skill are tested in online test. Online test consists of several sections depending upon the corporates pattern. In this round one important thing to be learnt is time management. One should have taken more practice to get through in this round. The next comes the Technical round. Before I share my experience in technical round, one thing that everyone should bore in mind is the preparation of resume. What I experienced, is most of the technical round questions were asked from my resume .Resume should contain the true data.so ensure that One's resume is updated, and clear with what is in the resume. One should be strong in all the basic technical aspects of their respective curriculum. And one should be strong in the technologies in which he/she is well versed. One should be clear in his/her area of interest as well as the projects undergone. Regarding HR round One's social aspects, his/her managing, organizing and leadership skills are tested as an individual fellow human. When I was attempting HR round I was asked with few general questions along with self-introduction.

In HR round what I noted is that One's behavior, the way one approaches the other in this case the interviewer, One's self aspects are keenly observed. Finally the opportunity that I grabbed, my hard work and the confidence path I travelled made me to open the doors of Cognizant successfully. Hence have confidence, make use of the opportunity, believe that you can achieve, work hard accordingly, then no doubt Success is yours.

*As Swami Vivekananda said **"You are responsible for what you are"** - grab the opportunity, face the challenge with will power and spirit to hit the doors of success.*

*As Tagore told **"I WILL, WILL, WILL"** LETS THIS BE YOUR MANTRA. For YOUR SUCCESS.*



ABIRAMI.V

” Graduates typically are smart, hard-working problem-solvers who can tackle all kinds of complex challenges. Newer grads also have strong communications and teamwork skills”

*I am ABIRAMI V, pursuing my final year **B.Tech (Information Technology)**. Let me start by saying that when I started my engineering career, never in my wildest dreams could I have imagined how much fun I would have as a student, the places it's taken me, the people I've met, and the things I've been able to accomplish that I'm so proud of. I would like to share my interview experience, my success, hurdles that I faced in the interview. I had no idea when I entered engineering what kind of career I might have, nor did I have a better idea when I graduated.*

*After my long journey to many interviews, I got selected in **SEMANTISPACE, Hyderabad**. It was an Off Campus held at Karunya University where nearly five hundred students participated. The selection process consisted of 5 rounds.*

The rounds were as follows:

- 1. Online Test (Aptitude ,Technical)*
- 2. Online Test (Technical, Programming)*
- 3. Group Discussion(General)*
- 4. Personal Discussion*
- 5. HR Discussion*



*When I started with my **online tests** I was little nervous with my aptitude round. But when I knew that I got selected in first round, my confidence level was increased that I could manage and clear all other rounds. The Second level was also an online test which was completely programming that included the basics of programming languages and I was asked to write a program.*

*The second day, had a **Group Discussion** on General Topic. To clear GD, we need to be updated with the current affairs. The next was the **Personal Interview**, there I got Questions from my resume .Here, and one should have a thorough knowledge about their resume.*

*Finally, I entered into **HR Interview** .It is basically testing our communication skills in which our personal and stress related questions were asked. I answered them boldly since I have good communication skills and confidence level was good so I was able to clear my HR Interview. My success was mainly due to my hard work and confidence level .I would like to express my thanks to Almighty, My Parents, Friends and Faculty Members.*

While solving the questions, we need to read the question twice, understand the concept then applying the logic may work well to answer them. Thorough study of Formulae and logics learnt at school level will help us to solve interview question. Thus ,let me conclude by saying that clear knowledge , hard work and confidence are the major criteria that a candidate must possess to achieve their goal in life, but losing the confidence after many attempts should be avoided since every attempt will give some knowledge and interview experience.

“Stay committed to your decisions but stay flexible in your Approach”

“ALL THE BEST...!!!”

ABINAYA.K

I am Abinaya Kandasamy, pursuing my final year IT at Dr. N.G.P Institute Of Technology. I got placed in [Cognizant Technology Solutions](#). It was an Anna University pool drive conducted on 22nd & 23rd December at Kongunadu College of Technology, Thotiyam, Namakkal.

The interview process consisted of 4 rounds. 1st round was GD. The panel member consisted of 25 members from different colleges, it was an open topic. After entering the hall, I relaxed myself by talking with other college students and discussing the topics, and I came to know about their communication skills, that really helped me a lot during GD. I got selected in GD.

The next round was online test. It had 2 sections. 25 verbal questions and 30 reasoning questions. It was easy. I had confidence that surely I will be selected.

The test was completed at 6'o clock in the evening and we started by 7'o clock .The result was announced at 9 p.m. on the Anna university website at that time we were in hotel having our dinner. Actually I didn't see my result one of my classmate called her friend and she told me that I got selected. I called my parents and informed that I got selected for the next round. They were so happy. When we got into the bus once again the result was seen by one of the Teaching Staff who accompanied us. He called me and asked my D.O.B which was mentioned in the result column .By mistake he did not check my name properly and I thought that I haven't been selected for the next round.

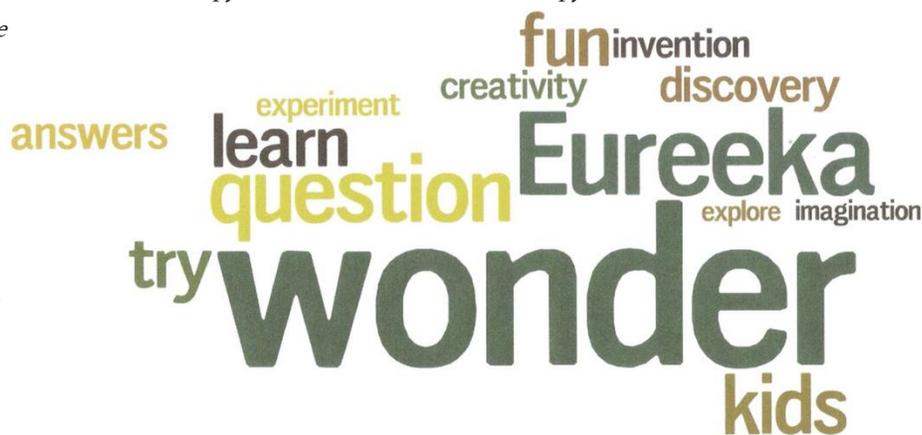
The next day students who were selected went for the next round. That day morning around 7.30 a.m. my friend called me to congratulate. Only then I came to know that I got selected for the next round. My parents were not there at home I called my uncle and arranged a cab. I reached there by 1'o clock in the afternoon and attended the technical interview and I got selected for the next round which was HR interview.

The technical interview question is fully based on my resume that I have mentioned. The HR interview is all about my family, strength and weakness.

Placement hours were very useful to me because we had an activity of collecting a company's profile of MNCs, its interview process and solved their questions papers. That really helped during my interview process. Finally, I got placed in CTS which is one of my dream company. My success is because of motivation from my parents and faculty members.

From this experience I have learnt that one should know their responsibilities and should not depend on others. Whatever may be the situation one should do their work by themselves else it will become a burden to them.

Prepare the resume by yourself and do not copy other's resume. Should not copy from the internet because the technical round will be fully based on the resume



Subhashree.A.S.

To start up - First of all I would like to thank the Almighty, my parents, brother, friends, staffs and who helped me throughout my success.

With all anxiety, I started my preparation for **Cognizant Technology Solutions** drive which was conducted at Kongunadu Engineering College, Namakkal by Anna University. Though I started and was carried away with all excitement, a thin stream of fear trickled through my mind but still I was very desperate to get placed in the company.

To overcome stress and worry, one needs to be present as much as one can throughout the day. And when you are present there is only 'now' and in that moment you may experience calmness, a sense of clarity and positive vibes. But I felt the other way around stressed, maybe because it was an off-campus.

When I prepared myself for the interview I intended to create a successful path ahead of me and leaving the rest to the Almighty. Though I had some fear before the interview, I decided not to turn back and step forward with conviction to present myself with the utmost best. I, along with my friends, who all attended the drive, waited for a day long to attend each of the rounds. My experience may differ from what others had experienced (or maybe not). Let me not bore the readers with the tiresome process we had in the drive. But I would like to give you some tips to make yourself successful in the drives you'll face.

So I would suggest you to,

1. Do mock interviews.
2. Speak out whatever you think (not rubbish though). The interviewers are generally helpful and they do not mind correcting you provided you say whatever you think. Make them understand how you approach any problem.
3. Dress decently and speak confidently; Speak at a pitch that is audible to them; confidence warms up the interviewer towards you.
4. If you are unable to solve a problem, don't waste too much time on it. Rather try asking for a hint. But show the interviewer that you are trying.

Dear readers, one final thing I would like to say is 'this wasn't the first interview I attended. I've flopped many at the first round itself'. So, *Never Stop Trying*.

Always be yourself, express yourself, have faith in yourself and don't try to replicate someone else.



...GALLERY...



FACULTIES - IT



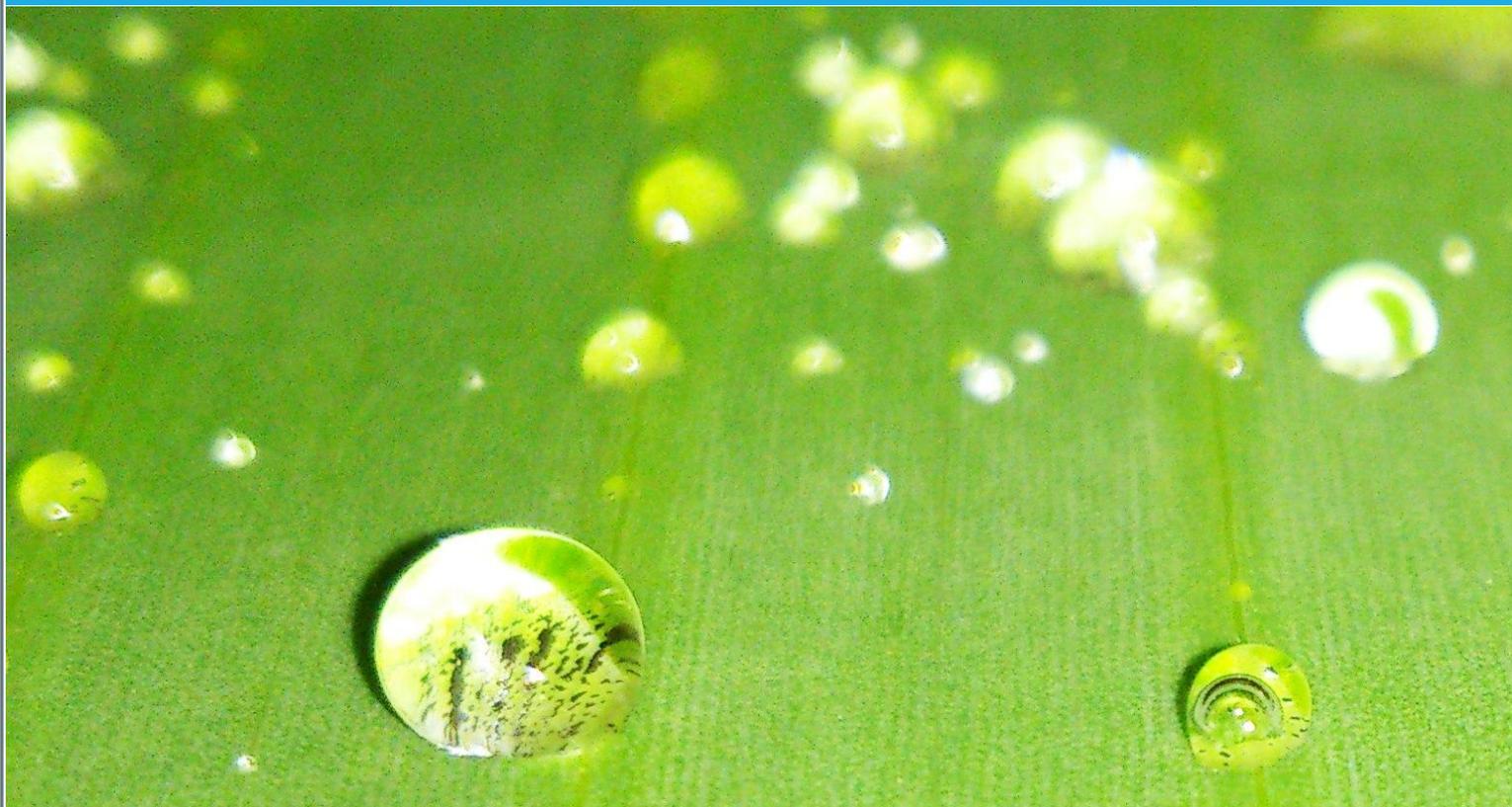
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III YEAR B.TECH IT



II YEAR B.TECH IT



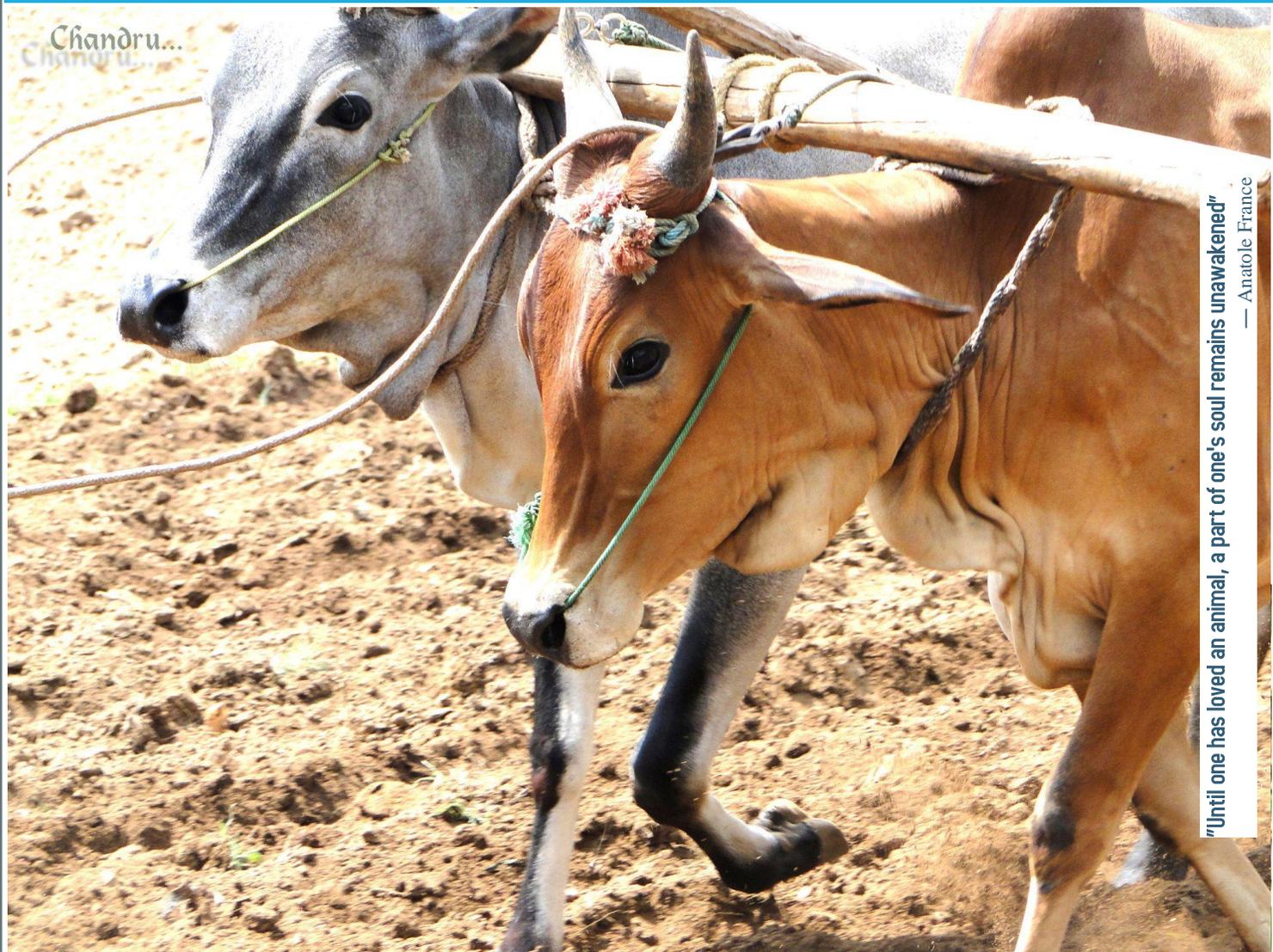
The game of golf would lose a great deal if croquet mallets and billiard cues were allowed on the putting green.

-Ernest Hemingway

PHOTOGRAPHY

By Poorana Chandran.M IV B.Tech IT





Chandru...

"Until one has loved an animal, a part of one's soul remains unawakened"
— Anatole France



Chandru



Chandru



Chandru...
Chandru...

If we were to wipe out insects alone on this planet, the rest of life and humanity with it would mostly disappear from the land. Within a few months.

-E. O. Wilson



The bird a nest, the spider a web, man friendship.

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