Engineer's Day special

VBIT

Volume 3, issue 2

15th September 2009

Stutalk

Your voice is voice of Vbitians. . . .

42nd Engineers' Day 2009

September 15, 2009

Inside this issue:

Engineers are the people who have built our world. Everything we use today was at one point nothing but an idea in someone's head, that was successfully designed and built.

Sir Mokshagundam Visvesvaraya

Sir M. V. was born to Srinivasa Sastry and Venkachamma at Muddenahalli village, Chikkaballapur Taluk, Chikballapur District of present-day Karnataka, in what was then the princely state of Mysore. His father Srinivasa Sastry was a Sanskrit scholar and an authority on the Hindu scriptures, besides being an Ayurvedic practitioner. Sir M. V.'s ancestors actually hailed from the village of Mokshagundam near Giddalur in the Prakasam District of present-day Andhra Pradesh; they had migrated to Mysore state perhaps three centuries ago. The family name "Mokshagundam", preserves the memory of his association with Andhra Pradesh.

Sir M. V. attended primary school at Chikkaballapur and high school at Bangalore. He earned his B.A. from the Madras University in 1881 and later studied civil engineering at the College of Science, Pune, now known as the College of Engineering, Pune (COEP). Upon graduating as an engineer, Visvesvaraya took up a job with the Public Works Department (PWD) of Bombay now known as Mumbai, and was later invited to join the Indian Irrigation Commission. He implemented an extremely intricate system of irrigation in the Deccan area. He also designed and patented a system of automatic weir water floodgates which were first installed in 1903 at the Khadakvasla reservoir near Pune. These gates were employed to raise the flood supply level of storage in the reservoir to the highest level likely to be attained by its flood without causing any damage to the dam. Based on the success of these gates, the same system was installed at the Tigra dam in Gwalior and the Krishnaraja Sagara (KRS) dam in Mysore. Visvesvaraya achieved celebrity status when he designed a flood protection system to protect the city of Hyderabad from floods. He was also instrumental in developing a system to protect Vishakapatnam port from sea erosion.

Sir M. V. supervised the construction of the KRS dam across the Cauvery River from concept to inauguration. This dam created the biggest reservoir in Asia at the time it was built. Sir MV was rightly called the "Father of modern Mysore state" (now Karnataka): During his period of service with the Government of Mysore state, he was responsible for founding of, under the aegis of that government, the Mysore Soap Factory, the Parasitoide laboratory, the Bhadravati Iron & Steel Works, the Sri Jayachamarajendra Polytechnic Institute, the Bangalore Agricultural University, the State Bank of Mysore, The Century Club, Mysore Chambers of Commerce and numerous other industrial ventures. He also encouraged private investment in industry during his tenure as Diwan of Mysore. He was known for sincerity, time management and dedication to a cause. He was also instrumental in charting out the plan for road construction between Tirumala and Tirupati.

After opting for voluntary retirement in 1908, Visvesvaraya was appointed Diwan or First Minister of the princely state of Mysore, one of the largest and most important in India. With the support of Krishnaraja Wodeyar IV, Maharaja of Mysore, Visvesvaraya made an arguably unprecedented contribution as Diwan to the all-round development of the state. After India attained independence, Sir M. Visvesvaraya was given the nation's highest honour, the Bharat Ratna, in 1955.

Sir M.V. was honoured with honorary membership of the international Institution of Civil Engineers (based in London) and a fellowship of the Indian Institute of Science (based in Bangalore). He was also awarded several honorary doctoral degrees like D.Sc., LL.D., D.Litt. from various universities in India. He was president of the 1923 Session of the Indian Science Congress.

WARM WELCOME TO ALL FRESHER AT VBIT CAMPUS - STUTALK TEAM

Leonardo da Vinci

Perhaps the most visionary man of all time, Leonardo foresaw everything from the helicopter to the tank to the submarine. Modern engineers have proven that many of his designs, including bridges, hang-gliders, transmissions, parachutes, and more would have worked had they been built. There have been few individuals in the history of engineering who have designed so many revolutionary devices that actually worked. Leonardo is, by far, the greatest engineer of all time.

Nikola Tesla

Nikola Tesla is perhaps the greatest electrical engineer of all time. His inventions include fluorescent lighting, the Tesla coil, the induction motor, and 3-phase electricity. He developed the AC-current generation system comprised of a motor and a transformer. Some have said that he "invented the 20th century." Unfortunately, he became something of a mad scientist in his later years, and died in obscurity, but his invaluable contributions are remembered today.

IEEE-VBIT student branch:

The IEEE student branch was established in VBIT on 31st Dec. 2006 with a strength of 36 members. During 2006-07 it s membership strength rose and in 2008-09 it comprises of 126 members.
An IEEE WIE (women in engineering) affinity group was initiated on 21st October 2008 with a strength of 56+ women students .
The IEEE-VBIT will soon be hosting its own website. The domains for launching it are already in progress.
The IEEE-VBIT student branch was short listed as the second best for the STUDENT BRANCH AWARD among 69 student branches in the HYDERABAD section.
The student branch conducts weekly activities on every Friday. We request all the IEEE members to take an active part in these weekly sessions.

Note to the IEEE members-
Any membership related issues (relating to SPECTRUM magazine -notice mails, membership cards) should be brought to notice of IEEE-VBIT student branch, so that they can be solved at the earliest.

For membership related issues mail us at ieeeat-vbit@yahoo.com

By
Swetha D
I-EEE

A day of life in India:

Recession?
Consumer's are still buying enough large volumes to ensure that companies continue to be bullish on Indian market.

Average daily sales in India.

Colour televisions	34,500
Two-wheelers	19,126
Movie tickets	90 lacs
Washing machines	6,200
Air tickets	1.12 lacs
Refrigerators	12,600
Personal computers	21,863
Soft drinks	64 lac litres
Cars	3,341
Mobile subscriber	3.7 lacs

By
T.VARUN
MBA IInd year

Engineering is the professional art of applying science to the optimum conversion of natural resources to the benefit of man.

Ralph J. Sm

Thomas Edison

Edison is the most prolific inventor in history, holding a record 1,097 patents. He developed the phonograph, incandescent light bulb, stock ticker, motion picture camera and projector, and hundreds more. He also created the first electrical plant and distribution infrastructure. Without these inventions, modern life is almost inconceivable.

Nicolaus Otto

Nicolaus Otto developed the four-stroke or Otto-cycle engine and the first internal combustion engine, where fuel is burned directly in the piston chamber. The Otto-cycle is still used in the internal combustion engines that run all of our cars today. Despite developing the engine, it was Otto's peers such as Gottlieb Daimler and Karl Benz who first apply it to locomotion, forever changing how people move around the world.

Names for Powers of 10

Values	Zero's	Names
10^{0}	0	One
10^{1}	1	Ten
10^{2}	2	Hundred
10^{3}	3	Thousand
10^{4}	4	Myriad
10^{6}	6	Million
10^{9}	9	Billion
10^{12}	12	Trillion
10^{15}	15	Quadrillion
10^{18}	18	Quintillion
10^{21}	21	Sextillion
10^{24}	24	Septillion
10^{27}	27	Octillion
10^{30}	30	Nonillion
10^{33}	33	Decillion
10^{36}	36	Undecillion
10^{39}	390	Duodecillion
10^{42}	42	Tredecillion
10^{45}	45	Quattuordecillion
10^{48}	48	Quindecillion
10^{51}	51	Sexdecillion
10^{54}	54	Septdecillion
10^{57}	57	Octodecillion
10^{60}	60	Nondecillion
10^{63}	63	Vigintillion
10^{66}	66	Unvigintillion
10^{69}	69	Duovigintillion
10^{72}	72	Trevigintillion
10^{75}	75	Quattuorvigintillion
10^{78}	78	Quinvigintillion
10^{81}	81	Sexvigintillion
10^{84}	84	Septenvigintillion
10^{87}	87	Octovigintillion
10^{90}	90	Novemvigintillionn
10^{93}	93	Trigintillion
10^{96}	96	Untrigintillion
10^{99}	99	Duotrigintillion
10^{102}	102	Trestrigintillion
10^{120}	120	Novemtrigintillion
10^{123}	123	Quadragintillion
10^{138}	138	Quinto-Quadragintillion
10^{153}	153	Quinquagintillion
10^{180}	180	Novemquinquagintillion
10^{183}	183	Sexagintillion
10^{213}	213	Septuagintillion
10^{240}	240	Novemseptuagintillion
10^{243}	243	Octogintillion
10^{261}	261	Sexoctogintillion
10^{273}	273	Nonagintillion
10^{300}	300	Novemnonagintillion
10^{303}	303	Centillion
10^{309}	309	Duocentillion
10^{312}	312	Trescentillion
10^{351}	351	Centumsedecillion
10^{366}	366	Primo-Vigesimo-Centillion
10^{402}	402	Trestrigintacentillion
10^{603}	603	Ducentillion
10^{624}	624	Septenducentillion
10^{903}	903	Trecentillion
10^{2421}	2421	Sexoctingentillion
10^{3003}	3003	Millillion
$10^{3000003}$	3000003	Milli-Millillion

Interesting facts:

Aditya varma
ECE 4th year

Google got its name from the mathematical figure googol, which denotes the number 'one followed by a hundred zeros'.

Yahoo! derived its name from the word Yahoo coined by Jonathan Swift in Gulliver's Travels. A Yahoo is a person who is repulsive in appearance and action and is barely human!

Aditya varma
ECE 4th year

I don't care what it is, when it has an LCD screen, it makes it better.

Kevin Rose, *Diggnation, Our Lip Dub Is Better Than Yours, 2008*

Wilbur and Orville Wright

A clear indication of engineering brilliance is when you essentially invent your field. Other pioneers of flight came before them whose work was invaluable, but it was the Wrights who truly created aeronautical engineering. In a time when people thought of the mechanics of flight as ground locomotion in the air, the Wright brothers saw it as something wholly new. Their development of the three axis control system was necessary to fly controllably. They were also the first to really look at propeller design and aerodynamics. Their work profoundly changed the world.

Hero of Alexandria

This man could have started the Industrial Revolution in 50 AD with the invention of the Aeolipile, a form of steam or jet engine where jets of steam spin a ball. However, he failed to realize what the device could do, and thought of it as nothing but a toy. Some have speculated that the abundance of slave labor negated any need for a labor-saving device, so no one applied his device in the manner of the Industrial Revolution. Hero also wrote many works on subjects ranging from pneumatics to mathematics to physics.

Top 10 Presentation Techniques

1. Know your P.A.I..

Purpose: Know what your purpose is in giving your presentation. Is it to inform? To persuade? To entertain?

Audience: Who is your audience? What attitudes do they have?

Logistics: These are things that have to be organised. You should know how much time you have to speak.

2. Pay attention to timing

Plan, prepare and practice to fill 75 per cent of the allotted time you're given to speak. If you end early, no one will mind, but ending late is poor planning. If you expect audience involvement, plan on speaking for 50 per cent of the time and using 25 per cent for audience participation.

3. Keep it relevant

When preparing your speech, consider the 'must know', 'should know' and 'could know'. Limit your presentation material according to your allotted time and the audience's interest.

4. Push emotional buttons

Include stories, anecdotes, analogies and metaphors to reinforce the key points of your presentation. You'll have more impact than by just using pure data.

5. Create user-friendly notes for yourself

Use bullet points instead of sentences. Make the text easy to read (print out your notes in at least an 18-point font and make it bold). Only use the top two-thirds of the page to avoid having to look down.

6. Practise out loud, and say it differently each time

As management guru Peter Drucker says, 'Spontaneity is an infinite number of rehearsed possibilities.' Practise a lot in order to speak loudly and clearly.

7. Channel your adrenaline into enthusiasm

Control the physical symptoms of stage fright by breathing deeply from your diaphragm and by going through your presentation in your head imagining a positive outcome. Being well prepared will also boost your confidence.

8. Deliver with passion

It's amazing how catchy enthusiasm is. If your voice is expressive and your gestures animated, you will appear confident and passionate.

9. Think ahead about all the questions you might be asked

The question-and-answer part of the presentation may be more important than the actual presentation. Remember to paraphrase the questions before answering them and take into account the questioner's reasons for asking. When answering, keep looking around the audience – others may have had the same question. Treat all questions and questioners with respect. If you do not have the perfect answer, then admit that you will get back with a perfect solution after research.

10. Remember it's about the audience

Avoid appearing too cocky or unprepared. As long as you stay focused on the audience, in preparation and delivery and during the Q&A session, you should be successful.

By
Sunil Joshi
MBA 1st year

SUCCESS QUOTATIONS

Always bear in mind that your own resolution to succeed is more important than any one thing.

Abraham Lincoln (1809 - 1865)

If A is success in life, then A equals x plus y plus z. Work is x; y is play; and z is keeping your mouth shut.

Albert Einstein (1879 - 1955), Observer, Jan. 15, 1950

Try not to become a man of success but rather to become a man of value.

Albert Einstein (1879 - 1955)

A great secret of success is to go through life as a man who never gets used up.

Albert Schweitzer (1875 - 1965)

B. Ganesh
MCA 3rd year

Engineering is the professional and systematic application of science to the efficient utilization of natural resources to produce wealth.

T. J. Hoover and J. C. L. Fish, *1941*

Success stories of Vbitians

PERFORMICA DRIVE HAS SELECTED 6 STUDENTS

S.No.	Name of the Student	Branch
1	Padmavathi	CSE
2	Sharath	CSE
3	Kranthi Kumar	MCA
4	G.V.Swetha	CSE
5	Sai Chaitanya	CSE
6	Sri Prakash	ECE

ORIENTATION PROGRAM FOR MBA & MCA STUDENTS 26TH AUGUST 2009.

STUDENTS VISITED VAIDEHI ASHRAMAM ON 15TH AUGUST 2009.

Continue ..

Success is counted sweetest by those who ne'er succeed.
Emily Dickinson (1830 - 1886)

rchimedes of Syracuse

ith Archimedes it's difficult separate the legend from e man. The engineering ats he is rumored to have complished include a irror death-ray and a crane pable of lifting and ushing Roman ships, hough they probably never isted. He did improve the tapult, develop levers and lleys, and invent the rchimedean Screw, a device ed to raise water for rigation or mining. He also lculated pi and developed ny mathematical insights thout which modern gineering would be possible.

es Watt

es Watt's incarnation of steam engine ushered in Industrial Revolution. His trifugal governor kept the ine running at the desired , and is a modification so nle and elegant that it may ne of the best ideas of all . The governor was only of his countless ifications to one of the t influential devices of all . Watt's perfection of one e most important devices istory easily puts him in op ten engineers.

Success stories of Vbitians

Mikhail Kalashnikov

While much of Kalashnikov's AK-47 was borrowed from other guns, his simplification of their designs to make a nearly flawlessly functioning rifle was his genius. The gun is cheap to manufacture, easy to use, and hard to break. It's hard to argue with success, after 57 years the AK-47 is still in production, and there are dozens of different varieties from shotguns to sniper rifles and the familiar assault rifle. It is arguably one of the best guns in history, and definitely one of the most influential. After all, what other gun has African children named for it?

13th & 14th August, 09
Dyuthi – NSS unit of VBIT has organized various competitions at Vaidehi Ashram (Orphanage for girls), Dilsukhnagar, Hyderabad. Total 10 volunteers were participated in organizing the event.

15th August, 09
Flag hosting ceremony was organized at college campus.
Chairman Dr. N.Goutham Rao has released a special independence day – issue of college news letter – STUTALK.
Prize distribution function was organized at Vaidehi Ashram.

21 August, 09
NSS unit organized a guest lecture on "Right to Information Act" with the help of
Eenadu news paper. Main speaker – Mr. V.Madhu Babu, coordinator RTI cell, EENADU.

25th August, 09
On Campus Placement drive by Performica software for 2009 passed out batches of engineering courses. Out of 47 students who attended the drive, 7 students got selected.

26th August, 09
Induction program for 1st year students of MBA & MCA – 2009-10 batch.

27th August, 09
Faculty Forum has organized a guest lecture on "Scientific Interpretation of Sanatana Dharma" by Mr. Ravi Kiran (Architect, USA).

7th September, 09
A Condolence meeting was organized to pay homage to
1) Dr. Y.S.Raja Sekhar Reddy, Chief Minister of Andhra Pradesh
2) Mr. Narendra (A student of III CSE – B)

8th September, 09
A group of 100 final year students (ECE, EEE, CSE & IT) attended a workshop on communication skill at ICFAI Campus, Hyderabad.
Three vibtians got selected in JNTU team
Deepak (MCA Final year)for softball
Sunil kumar (MBA final year) football
Naresh kumar (MBA first year)shooting.

Performica Software Pvt. Ltd. drive on 14.09.2009 for both colleges (VBIT & Lokamanya P.G.College) at our VBIT campus. 30 students were attended among that 11 students were shortlisted for the second round. Following students are shortlisted.

Uma Maheshwari
Sravan Kumar
Shiva Shankar
Neeraja
Vivekanand Kumar
Kranthi Kumar

Alan Turing

Alan Turing developed the binary architecture now used in all computers, as well as much of the theory behind computers. He is regarded as the father of computer science. The computer you're currently using would not exist without his contributions to the field. He also broke the German Enigma code during WWII, without which victory would have been far more difficult, if not impossible. After the war he made many other contributions to code making and breaking. While he never really built anything physical, his enormous influence in computer science earned him a place in the top ten.

Attention !!!!!!

All HODs, Faculties, Students are requested to inform stutalk regarding Departmental , college level activities conducted so that Stutalk can talk about it.

The Top 10 Tips for a Successful Job Interview

1. **Prepare and over-prepare.**
2. **Be particularly clear on what you know and what you want to achieve.**
3. **Make sure your responses match your claims.**
4. **Be clear about your strengths.**
5. **Describe your weaknesses as strengths.**
6. **If you've been fired, be forthright about it.**
7. **Be clear where you want to go.**
8. **Have clear personal standards.**
9. **Interview the interviewer.**
10. **Don't allow yourself to be badgered by the salary issue.**

Ganesh
MCA 3rd year

We succeed only as we identify in life, or in war, or in anything else, a single overriding objective, and make all other considerations bend to that one objective.

Dwight D. Eisenhower (1890 - 1969)

Engineering is the science of economy, of conserving the energy, kinetic and potential, provided and stored up by nature for the use of man. It is the business of engineering to utilize this energy to the best advantage, so that there may be the least possible waste.

William A. Smith, 1908

Engineering is the professional and systematic application of science to the efficient utilization of natural resources to produce wealth.

T. J. Hoover and J. C. L. Fish, 1941

Body language
[some important tips while facing an interview]

Positive vibes

- Open arms and hands-open and receptive
- Learning forward-interested in the conversation
- Smiling or attempting to be humours - friendly
- Eye contact with occasional, natural breaks in the stare -focused & curious
- Nodding while listening-attentive &alert
- Open palms-approachable &trusting
- Gesturing with hands while talking-genuinely involved in the conversation

Up right shoulders-positive

Negative vibes

Crossed arms-closed off or defensive
Crossed arms & legs -very reserved &suspicious
Standing with hands inside the pockets-ur sure or suspicious
Fidgety, running tongue along the teeth, playing with hair or jewellery or tapping feet-nervous or bored
Lack of eye contact or conversely, starting too intently with out breaking the gaze-untrustworthily
Leaning back-uncomfortable
Clasping hands behind the head while leaning back-looking to gain power

By
M.Vijaya Bhargavi
MBA 2nd year

!!! Know your Value!!!

A well-known speaker started off his seminar by holding up a Rupee 500 note. In the room of 200,
He asked, "Who would like this Rupee 500 note?"
Hands started going up.
He said, "I am going to give this note to one of you but first let me do this."
He proceeded to crumple the note up.
He then asked, "Who still wants it?"
Still the hands were up in the air.
"Well," he replied, "What if I do this?"
And he dropped it on the ground and started to grind it into the floor with his shoe. He picked it up, now all crumpled and dirty.
"Now who still wants it?"
Still the hands went into the air.
"My friends, you have all learned a very valuable lesson.
No matter what I did to the money
You still wanted it because it did not decrease in value. It was still worth Rupee 500/-.
Many times in our lives, we are dropped, crumpled, and ground into the dirt by the decisions we make and the circumstances that come our way. We feel as though we are worthless
But no matter what has happened or what will happen.
Never lose your value.
You are special. Don't ever forget it! Never let yesterday's disappointments over-shadow tomorrow's dreams.
VALUE HAS A VALUE ONLY IF ITS VALUE IS VALUED"

Chanakya.B
MBA 2nd year

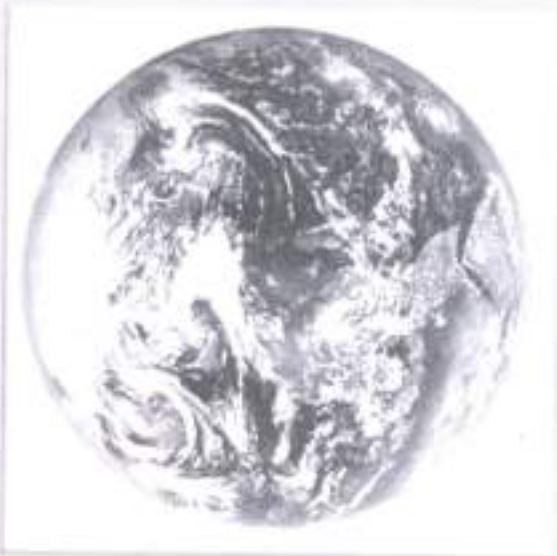
Always bear in mind that your own resolution to succeed is more important than any one thing.

Abraham Lincoln (1809 -

Forthcoming attractions at VBIT

Induction Programm– For budding Engineers
MATLAB By Dept. of EEE
Workshop on Foreign Language by Training and Placement Department
NSS Annual report will be released on 4th October 2009
Workshop on personality development by department of business management .
List is long these are few .....

Engineering is a great profession. There is the satisfaction of watching a figment of the imagination emerge through the aid of science to a plan on paper. Then it moves to realisation in stone or metal or energy. Then it brings homes to men or women. Then it elevates the standard of living and adds to the comforts of life. This is the engineer's high privilege .
Herbert Hoover
(1874 - 1964)



Attention Vbitains .....next issue of stutalk is coming very soon on
October 24 :
World development information Day.
So start from today and share your Ideas with all Vbitians & Contribute in development of world
Just click on mouse and match your ideas with stutalk
at
Vbit.stutalk@gmail.com
On or before 15th October 2009

Your Voice is the voice of vbitians

VBIT

Warm Welcome to all fresher at vbit campus

- stutalk team

Editorial Board

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Aim for success, not perfection. Never give up your right to be wrong, because then you will lose the ability to learn new things and move forward with your life.

Dr. David M. Burns