

STUTALK

Voice of VBIT...

October 2010

WELCOME FRESHERS

Volume 4 , issue 3

Year after year, students get programmed by the corporate colleges to crack competitive exams by either chanting mantra or tantra to enter a different world. Ultimately, the judgment day arrives when some are destined on the basis of their effort and some on the basis of luck. Some celebrate, some moan but finally they enter the world they were well prepared for: the world of engineering, the world of medicine whatever the world maybe.

A warm welcome to those destined to VBIT. We have no idea whether you jubilated or groaned to join us but now that you are here, we invite you with arms wide open. Come take a walk with us through the world of engineering, and become a learned engineer but not a programmed one. Some of you might be worried of ragging, some waiting to get ragged, but unfortunately, the latter are sure to get disappointed as ours is a "RAGGING FREE COLLEGE"

You have heard that engineering is a cake walk. Yes it is, in two ways: for one who is passionate about it, for one who just wants a degree. Some of you come with a clear vision of future and some quite unsure of where you are heading to. Some of you come here by force and some with a view to have bulgy pockets in the future. Varied may be the reasons, but friends, it's never too late to follow your dreams. Take a step, to know where your heart dwells, take a leap and that's all it takes.

From now you have to train yourselves for a bigger corporate world or the professional world where your brains are put for sale not your degrees. What exactly is meant being a professional?? Your walk, talk, attire and you of all is what matters. Have you ever wondered why it takes four years to make an engineer when it is only two to be capable of being one? An engineer in a whole doesn't refer solely to the stuff between his ears but the summation of all the above factors mentioned.

Here we provide you an opportunity to "discover the diamond in you". Each one of us is gifted with a talent, which some of us are aware of, and some are not. We see hoardings on roads saying "Spoken English", "Soft Skills", "Personality Development" etc. What is it that they can teach, that you do not know already? Personality is not something that can be taught or sold; it is something that can be developed by one's individual effort with a burning desire for perfection.

So our beloved juniors, we conclude by saying, strive to become an engineer of perfection but not of dry stuff. "Take the road not taken and leave a trail". Never hesitate to dream big. As our favorite former president APJ Abdul Kalam says "Dream as if you'll live forever, live as if you'll die". today..".

-Team STUTALK

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Tech Talk



Quantum physicists turn waste heat into power

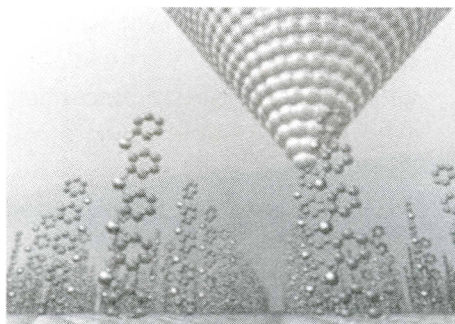
"University of Arizona" physicists have discovered a new way of harvesting waste heat and turning it into electrical power. Taking advantage of quantum effects, the technology holds great promise for making cars, power plants, factories and solar panels more efficient.

What do a car engine, a power plant, a factory and a solar panel have in common? They all generate heat - a lot of which is wasted.

University of Arizona physicists have discovered a new way of harvesting waste heat and turning it into electrical power. Using a theoretical model of a so-called molecular thermoelectric device, the technology holds great promise for making cars, power plants, factories and **solar panels** more efficient, to name a few possible applications. In addition, more efficient thermoelectric materials would make ozone-depleting **chlorofluorocarbons**, or **CFCs**, **obsolete**.

Catching the energy lost through waste heat has been on the wish list of engineers for a long time but, so far, a concept for replacing existing devices that is both more efficient and economically competitive has been lacking.

The physicists take advantage of the laws of quantum physics, a realm not typically tapped into when engineering power-generating technology. To the uninitiated, the laws of quantum physics appear to fly in the face of how things are "supposed" to behave.



The key to the technology lies in a quantum law physicists call wave-particle duality: Tiny objects such as electrons can behave either as a wave or as a particle.

Bergfield and **Stafford** discovered the potential for converting heat into electricity when they studied **polyphenyl** ethers, molecules that spontaneously aggregate into polymers, long chains of repeating units. The backbone of each **polyphenyl** ether molecule consists of a chain of benzene rings, which in turn are built from carbon atoms. The chain link structure of each molecule acts as a "molecular wire" through which electrons can travel.

Using computer simulations, **Bergfield** then "grew" a forest of molecules sandwiched be-

tween two electrodes and exposed the array to a simulated heat source.

"As you increase the number of benzene rings in each molecule, you increase the power generated," **Bergfield** said. **Bergfield** designed the benzene ring circuit in such a way that in one path the electron is forced to travel a longer distance around the ring than the other. This causes the two electron waves to be out of phase once they reunite upon reaching the far side of the benzene ring. When the waves meet, they cancel each other out in a process known as quantum interference. When a temperature difference is placed across the circuit, this interruption in the flow of electric charge leads to the buildup of an electric potential - voltage - between the two electrodes.

"You could just take a pair of metal electrodes and paint them with a single layer of these molecules," **Bergfield** said. "That would give you a little sandwich that would act as your thermoelectric device. With a solid-state device you don't need cooling agents, you don't need liquid nitrogen shipments, and you don't need to do a lot of maintenance." A red sports car zip by, think of the hidden power of the electron and how much more efficient that sports car could be with a thermoelectric device wrapped around its exhaust pipe.



Adobe releases 64-bit Flash preview for Windows, Mac, Linux

Civilization advances by extending the number of important operations which we can perform without thinking of them.

Adobe has released a 64-bit preview version of its Flash player plug-in (codenamed Square) for Windows, Mac, and Linux. Adobe choosing to demo it on the day that Microsoft releases its IE9 Beta is no coincidence, even if it's not an exclusive Windows release.

Adobe emphasizes that Square is designed to take advantage of IE9's hardware accelerated graphics; the software company is claiming performance increases of up to 35 percent in IE9 compared to previous versions of IE. We must remember that the number is comparing against old 32-bit versions of IE, so the gain is a combination of the improve-

made in IE9 plus the enhancements of the 64-bit Flash player. In addition to performance, we're hoping the 64-bit plug-in brings security improvements, as Adobe Flash is full of holes. The company warns its users that the release is meant for testing existing content and new platforms for compatibility, so don't expect much stability and use caution when installing Square on production machines.

You can download Square Preview 1 from Adobe Labs. Adobe said its latest Flash player is expected to ship in the first half of next year.

Apple patents handheld that recognizes your hands

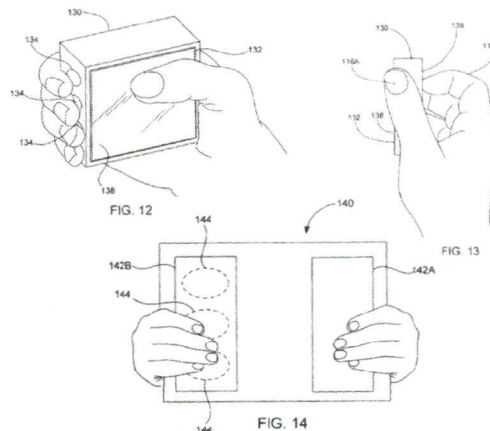


Apple has been granted a patent by the USPTO for a handheld that identifies users based on how they hold their device, as first noted by Engadget. The technology uses capacitive sensors to pick a user and load their profile with customized settings and preferences. A more important application would be creating virtual button panels positioned according to how the user is holding the device, meaning the user could hold it any way he or she wants. This could reduce human error, such as touching parts of the user interface accidentally.

sensor arrangement, and configure the handheld device in response to the identity determination according to user settings stored in a user profile associated with the determined identity." The user's sensitive data could also be backed up to a remote server and then deleted remotely, once unauthorized access is detected.

Our identities have no bodies, so, unlike you, we cannot obtain order by physical coercion. We believe that from ethics, enlightened self-interest, and the commonweal, our governance will emerge.

The patent describes the technology as "a sensor arrangement comprising a grid of capacitive sensing points configured to generate a pixilated image of a hand of a user in contact with the handheld device; and a controller configured to determine an identity of the user based on the pixilated image of the user's hand generated by the



One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man. -Elbert Hubbard



A star that shone once upon a time



As the famous saying goes:

“We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made” as said by the greatest Scientist, Sir Albert Einstein who gives Indians the credit for the initiation of great achievements. One among such Indian personalities, was “**Dr. HOMI JAHANGIR BHABHA**”

Dr. Bhabha was a renowned INDIAN NUCLEAR PHYSICIST who played a major role in improving nuclear programs and educational reforms in India. As his ideas and thoughts were supported by our respected Prime Minister, late Pandit Jawaharlal Nehru these two great sons and creative minds of India were entitled as the “**Fathers of our Nuclear Program.**”



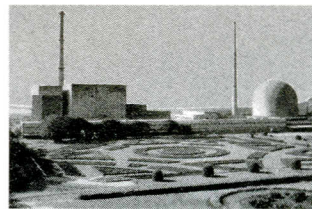
Nehru and Homi Bhabha
Chief Architects
of
Nuclear Research in India

His remarkable contribution to the world made him a known intellectual giant in his field. During his time, he published a series of widely-accepted papers on his theories in which one of them helped him to win the Isaac Newton Studentship. He performed the first calculation to determine the cross section of electron-positron scattering which was named later as “**BHABHA SCATTERING**” in his honor. He also made groundbreaking research on absorption of cosmic rays and electron shower production.

Dr. Bhabha belonged to a wealthy Parsi family and received his earlier education at Bombay schools and later pursued his studies in mechanical engineering at Cambridge University upon his father’s will though his main interest was in Mathematics. During the World War II he returned to India and accepted a position at the Indian Institute of Science in Bangalore, headed by Nobel laureate C. V. Raman, in spite of getting offers from other nations. In the intention of its growth and progress he proposed the establishment of an institute devoted to fundamental research and since the setting up of the TATA INSTITUTE OF FUNDAMENTAL RESEARCH, we have come a long way in this field. This was possible only because of strong foundations laid by him during his lifetime.

He wanted the world to recognize his country’s ability so he made tremendous efforts to prove it. He encouraged International Commercial trade of Nuclear Power by negotiating the setting up of reactors at Tarapur and also went ahead with the openings of uranium mines in India. All his efforts had a far fetching effect on the growth of nuclear energy in India and it can be said that it was a period of transition for our country. He was awarded the **PADMA BHUSHAN** for his works.

His far sighted vision made India to contribute successfully towards the construction of the Large Hadron Collidor built by CERN in Geneva. We are among the most advanced global project in the area of fusion science - ITER. India is also part of the advanced research reactor project being built in France, the Jules Horowitz Reactor. Clearly our capabilities particularly in nuclear science and engineering are being recognized all over the world. Later in his honor, the atomic energy centre in Trombay was renamed as **Bhabha Atomic Research Center (BARC).**



Test Reactors @ **Bhabha ATOMIC RESEARCH CENTRE TROMBAY, MUMBAI.**

30th October being his birthday, the nation cherishes his impressive accomplishments as he inspired a generation of scientists with his bold dreams and ambitions and his selfless service. He was a great scientific pioneer and a great builder of modern India and contributed it to transform from under-developed country to a developing country and if we show the same wisdom, pragmatism that Dr. Homi Bhabha did, I have no doubt that INDIA will soon be a DEVELOPED COUNTRY.

“No person was ever honored for what he received. Honor has been the reward for what he gave.”

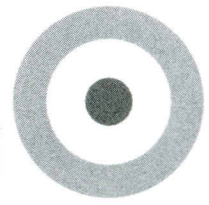
- Srithi Baid (III CSIT)

The only real failure in life is the failure to try.



BHARTIYA VAYU SENA

-TOUCH THE SKY WITH GLORY



“The assurance of peaceful life to every normal citizen is the greatest victory of a government”

Well being safeguarded by our own people represents actual love and patriotism.

Watching youngsters cheer at the victory of cricket team makes me amused because they are small achievements when compared to what the Indian Army is doing for each of us.

“We hardly know their names, we have never seen them”. But, they are ready to shed their blood to rescue us. They are the real heroes. They deserve all the applause more than words and laurels.

8th October is recognized officially the making of “INDIAN AIR FORCE” as the part of Armed Forces declaring its primary objective as safeguarding Indian Territory from threats by defending the Indian Air Space.

Indian Air Force is the fourth largest Air force in the world after US, Russia and China for its strength of 170,000 personnel and 1,300 aircrafts. Protecting our Country in every conflict was taken over by the Air Forces and they served their best in Aerial Warfare.

The IAF has been involved in the major wars of Indian history like Kargil, Indo- Pakistan war, 1947. The Kargil war was the result of infiltration of Pakastani Soldiers and Kashmiri Militants into positions on the side of Line of Control (LOC) which serves as the **de facto** (by the fact) border between the two states.

For their courage and bravery they earned many gallantry awards. Among them, **Squadron Leader Ajay Ahuja, Indian Air Force** was awarded the **Vir Chakhra**. The Operation Vijay had decisive victory for India, ending

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years of Portuguese colonial rule in Goa. Kargil with its glory of victory and IAF utilizing the best missions like “MIG-21” and “MIRAGE200H”.

Looking onto the duties IAF with the Indian Armed Forces has been providing assistance in utilizing the assets for the Army and caution threats. They were also a helping hand in rescuing the victims of Gujarat’s Tsunami. The IAF A.N.32 Aircraft flew from Chennai and Bangalore Airports with emergency and medical supplies for Andaman and Nicobar islands at the time of Tsunami. Though the runway of the aircraft was under water and telephone lines were out of order yet the Indian planes were taking flight for rescue operations day and night with the aid of kerosene lamps.

IAF has decided to upgrade its forces and machines by tying up with DRDL, ISRO to undermine the questions on these functions.

Current Positions

Commander in Chief --

Mrs. Pratibha Patel

President of India

Chief of Air Staff --

Air Chief Marshal

Pradeep Vasanth Naik

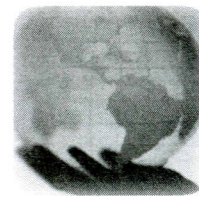
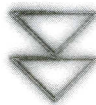
Opportunities for young citizens to get into IAF:

- ◆ B. Tech students with a 60% merit have excellent opportunities in IAF.
- ◆ For “Flying Branch” the candidate can go through “Combined Defense Service Examination”.
- ◆ “Direct Entry Scheme” is to qualify under “Technical Branch” for which they will be appointed as an aeronautical engineer.

“Salute to the Brave hearts of our nation whose blood runs through our borders to keep our blood warm.”

- Sai Priya (III CSE)

The difference between impossible and possible lies in persons de-



IEEE:-

One of the most active forums of VBIT under which numerous activities are conducted. The IEEE VBIT student branch regularly conducts weekly programs, exhibition of technical movies and paper presentations throughout the year. Also, VBIT's IEEE student branch was awarded the title as the most vibrant student branch of the IEEE Hyderabad section. About 104 students have taken the membership of IEEE in the academic year 2009-10.

IETE:-

With around 120 students working under this forum, IETE actively conducts various activities on a regular basis. The student branch for this forum was inaugurated in the year 2008. One among the numerous activities conducted under this forum was a workshop on MATLAB applications. This workshop was conducted twice in the campus.

Dhyuthi:-

The NSS unit of VBIT, Dhyuthi is a perfect example to show how VBIT moulds the students to walk together developing social and human responsibilities. It provides a ray of hope and helps us work towards a better cause. In the academic year 2009-10 numerous activities were conducted.

To name few, relief material and cash were collected during Nov-Dec to help the flood affected victims

of Kurnool. Blood donation camps and a lecture on right to information act was conducted.

Stutalk:-

The basic platform for all the VBITians to come up with their ideas, talents and opinions is provided by this unit of VBIT. Stutalk is a monthly magazine that provides an all-round buzz about the college happenings and facetious gossips. It also puts forth the talents of the students by publishing their articles, ideologies and opinions. A special editorial team of students is assigned to take care of all the various areas that are included by this newsletter.

Virinchi:-

With around 350 active students, this forum is solely dedicated to music, dance and performing arts. This society actively conducts numerous activities to bring up the talents of the students in cultural fields. One of the main objectives of this forum is to quench the thirst of art forms in the students by conducting various events and inviting well known artists and showcasing student's talents.

Sports Club:-

The sports club of VBIT consists of the students group actively participating in all the sports events conducted in and around the college. VBIT has had a reputation of having one of the highly competitive teams in every activity of sport that is conducted

During the academic year 2009-2010, VBIT has won nearly 6 University level cricket and volleyball championships. Nearly 138 students participated in inter-collegiate competitions.

Vibha:-

This forum is dedicated to bring up the student's innate abilities and provide a platform for their extraordinary talents. VIBHA, the Annual day celebration of VBIT involves various cultural competitions like Traditional dress and Ramp walk, dance, singing etc., that attracts huge response from the students. As it is conducted at the end of the academic year, students enthusiastically participate in all the activities.

Resonant Clubs

A part from the main eight forums VBIT also have separate clubs for each branch which are equally vibrant and competitive. They conduct various workshops and activities for updating the students with current technologies in their respective fields. They are as follows:

Department of EEE

— ELECTROKZ

Department of ECE

— ELECTROELITE





Department of CSE & IT

— CINE

Department of MBA

-- MAC

VBIT Updates... September 2010

-  NSS DHYUTHI team conducted an Eco-friendly Ganesh exhibition from 1st -9th of September 2010. The event was completed successfully by selling out 70 clay GANESH idols.
-  Department of EEE held a workshop on VOLTAGE CONTROL BY FUZZY LOGIC on 17th of September 2010. Dr. G Yesuratnam, Associate Professor, Osmania University College of Engineering (O.U.C.E) delivered a Guest Lecture .
-  On 18th of September 2010, channel TV-4 conducted group discussion on Co-education System in the view of promoting their TV program.
-  VBIT gave a warm welcome to newcomers of Post Graduation by hosting an INDUCTION PROGRAM on 29th September, 2010.

Membership Initiation Program at MRCEW

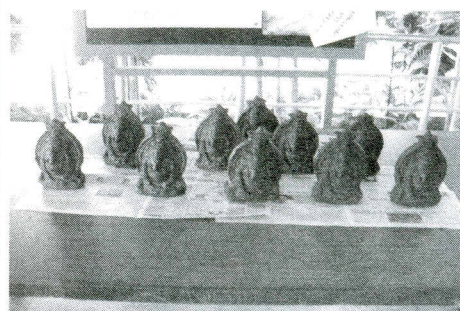
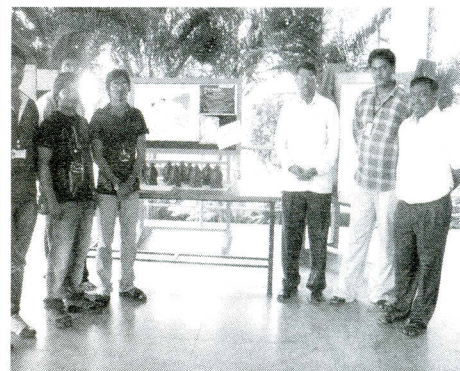


As requested by a student member at Malla Reddy College of Engineering for Women, **IEEE-VBIT SB** organized an **IEEE MEMBERSHIP PROGRAM** at MRCEW. The students were briefed on the benefits of becoming an IEEE member and the activities that are conducted by IEEE, the encouragement and opportunities provided by IEEE were also explained. As, it's a women's college our team mainly concentrated in encouraging them to have a WIE affinity group in their college. Participants were motivated by the presentation and showed some promise in joining IEEE.




Sports Corner

The VBIT's Cricket team won the Cricket tournament conducted by the Sreenidhi College of Engineering, Ghatkesar in this academic year. All the Best Champions....!! Keep It Up !!!!



"GO GREEN" Awareness Camp Dyuthi

 Dyuthi the NSS unit of VBIT conducted eco-friendly Ganesh camp in the college premises. The NSS volunteers presented posters and stories about the Ganesh festival by exhibiting some charts. The Dyuthi VBIT has given call for use of clay idols rather than chemical idols and help save the environment. They distributed 70 clay idols to staff and students of VBIT and also to the guests who came for the job fair. Duration of camp was from 1st of September to 9th of September, 2010.

"Obstacles are things a person can see when he takes his eyes off his goal."

Ancient System of Mathematics which was rediscovered from our VEDAS is now popularly termed as "VEDIC MATHEMATICS". From this issue we are planning to give interesting guidance on mental calculations to remove the myth of students that Math is tough and make it simple and fun while solving.

Fast Multiplication of 3 digit Numbers

Consider the multiplication of

$$123 \times 456$$

Step 1 : Multiply the right most digits



$$\begin{array}{r} 123 \\ \times 456 \\ \hline 3 \times 6 = 18, \\ \text{----- Carry 1} \\ 8 \end{array}$$

Step 2 : Multiply second digit with last digit of second number and add it to the multiplication of second digit of second number with the last digit of first number. If there exists any carry add it.

$$\begin{array}{r} 123 \\ \times 456 \\ \hline (2 \times 6) + (3 \times 5) + 1 = 28 \\ \text{----- Carry 2} \\ 88 \end{array}$$



Step 3 : Multiply first digit of first number with last digit of last number, multiply 2nd digit of first number and 2nd digit of second number, multiply last digit of first number and first digit of last number and add all the three results. If there exists any carry add it.

$$\begin{array}{r} 123 \\ \times 456 \\ \hline (1 \times 6) + (2 \times 5) + (3 \times 4) + 2 = 30 \\ \text{----- Carry 3} \\ 088 \end{array}$$



Step 4 : Multiply second digit of first number with first digit of second number and add it to the multiplica-

tion of first digit of second number with the second digit of first number. If there exists any carry add it.



$$\begin{array}{r} 123 \\ \times 456 \\ \hline (1 \times 5) + (2 \times 4) + 3 = 16 \\ \text{----- Carry 1} \\ 6088 \end{array}$$

Step 5 : Multiply left most digits. If there exists any carry add it.

$$\begin{array}{r} 123 \\ \times 456 \\ \hline (1 \times 4) + 1 = 5 \\ \text{----- Carry 1} \\ 56088 \end{array}$$



Hence, the result of product of 123x456 is 56088

Finding Square of a Number

To find the square of a number we must know the deviations of a number.

Finding deviations

Examples :

For 12, deviation is 2 i.e. 10 + 2

For 112, deviation is 12 i.e. 100 + 12

For 96, deviation is 4 i.e. 100 - 96

To calculate the square of a number, add the deviation to the given number and continue the result by calculating square of the deviation.

Examples:

$$12^2 = (12 + 2) \text{ followed by } 2^2 = (14)(4) = 144$$

$$96^2 = (96 - 4) \text{ followed by } (4)^2 = (92)(16) = 9216$$

Calculating Cube Roots

For calculating cube roots, we should remember the cube roots from 1 to 10 as follows

$$\begin{array}{lll} 1^3 = 1 & 2^3 = 8 & 3^3 = 27 \\ 4^3 = 64 & 5^3 = 125 & 6^3 = 216 \\ 7^3 = 343 & 8^3 = 512 & 9^3 = 729 \\ 10^3 = 1000 & & \end{array}$$

Consider an example

$$\sqrt[3]{614125}$$

Step 1 : Divide the number into group of 3 digits from the last

$$\text{i.e. } \sqrt[3]{614,125}$$

Step 2 : Consider the last digit in the last group

$$\sqrt[3]{614,125}$$

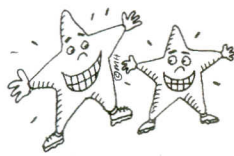
From the table of 1-10 cube roots, last digit is 5 for 5³. So the last digit in the result is 5

$$\sqrt[3]{614125} = _ 5$$

Step 3 : Consider the next group, i.e. 614. Check out the maximum cube that can be subtracted. From the table it is clear that the maximum cube subtracted can be 512. Now the corresponding number for the maximum cube is the before digit in the answer i.e. 8.

$$\sqrt[3]{614215} = 85$$

Note : The above method of finding cube roots is applicable for the cubes of 0-99 only.



YOUNG INTERPRENEUR

In Oct 2005, PHANINDRA could not get a bus ticket to go home for Diwali . As an electronics engineer with TEXAS Instrument in BENGALURU, he visited his parents every alternative week end. His agent said that no tickets were available but referred to some one else. Then PHANI thought as how could one agent have tickets & another agent having no idea about seat availability on the same bus?

Then he visited a few agents & realized, that one agent had availability only for few seats on each bus, he wondered that why cant there be a common server for this purpose similar to that of train and air line booking.

He being an Electronic Engineer from Bits Pilani was happy with his TEXAS INSTRUMENTS job. But when he saw this problem , he proposed his idea to his partners and friends and also to bus operators and to frequent bus travelers. After spending so many sleepless nights for 4 months he came up with 1.0 version of his software. There were so many challenges for him by bus operators .

At this time PHANI took help from SANJAY ANANDARAM who was his mentor & ex employee of Wipro, he told him to sell the tickets online instead of using a software . Then he started selling bus tickets online with his friends with the website named as RED BUS.IN.

They now take commission on each ticket from bus operators, today red bus has 230 employees , offices in 9 cities across the country, tie up with 700 bus operators in India. First year turnover was 50 Lakh. Now they are expecting a turn over of 150 crore. Till now they could not get any profits due to expansion of their business.

So friends we have to think about new innovations. Innovation comes from problems, there are so many problems in the world. Think about solving problems by innovating ideas as a management or engineering student of V B I T .

Raju Komakula MBA 2nd Year

Nail your Temper

There once was a little boy who had a bad temper. His father gave him a bag of nails and told him that every time he lost his temper, he must hammer a nail into the fence.

The first day the boy had driven 37 nails into the fence. Over the next few weeks as he learned to control his anger, the number of nails hammered daily, gradually dwindled down. He discovered it was easier to hold his temper than to drive those nails into the fence. Finally the day came when the boy didn't lose his temper at all. He told his father about it and the father suggested that the boy now pull out one nail for each day that he was able to hold his temper.

The days passed and the young boy was finally able to tell his father that all the nails were gone. The father took his son by the hand and led him to the fence. He said "you have done well, my son, but look at the holes in the fence. The fence will never be the same. When you say things in anger, they leave a scar just like this one.

You can put a knife in a man and draw it out. It won't matter how many times you say I'm sorry, the wound is still there.

Make sure you control your temper the next time you are tempted to say something you will regret later.

-Savanthi, III CSE



Old Masters



Three friends Pablo, Edward, and Henri are talking to each other about the art collection of Leonardo. Pablo says: "Leonardo has at least four paintings of Rembrandt." Edward says: "No, he has less than four paintings of Rembrandt." "According me," says Henri, "Leonardo has at least one Rembrandt."

The Question: If you know that only one of the three friends is right, how many Rembrandts does Leonardo possess?

Guess What!!



Martin has one of the numbers 1, 2, or 3 in mind. Sophie is allowed to ask one question to Martin to find out which of these three numbers he has in mind. Martin will answer this question only with the answers "yes", "no", or "I don't know".

The Question: Which question should Sophie ask Martin to find out in one time which number he has in mind?



Try this SuDoku

			8		1			
		8	9	3	5	2		
	5			4				9
	9	3				7	4	
	7							6
	6	2				5	8	
	8			1				5
		1	7	5	4	8		
			3		6			

▷▷ I make you think, I make you ponder,
My answer is nowhere but yonder,
I make your mind really bend,
Till you get it right in the end! What am I?

▷▷ I have five letters.
If you take the first and last ones I will still
be the same.
Even if you take the middle letter I will be the
same as before.
What am I?

▷▷ What is it that starts with an E, ends with an
E, and usually contains only one letter?

Answers for Riddles: 1. A riddle of course! 2. Empty 3. Envelope

Answers: Sophie could for example ask Martin the following: "I have the number 1 or 2 in mind. Is the number that you have in mind larger than the number I have in mind?" The answer "yes" means that Martin has the number 3 in mind, "I don't know" means 2, and "no" means 1.

SMS Corner..



A confidential statement by a depressed boy :

"I'm not totally useless, I can still be an example of Uselessness"! That's called attitude!

The secret of success is to know something nobody else knows

AN IDEA TURNS TO REALITY

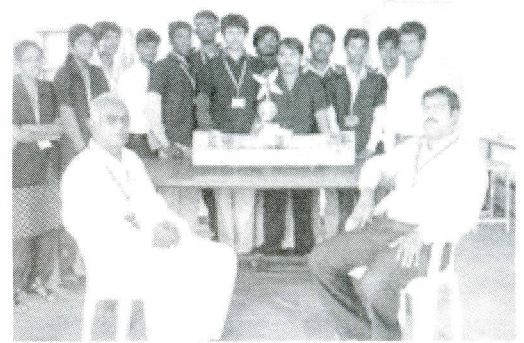
MECHANICAL ENGINEERING DEPARTMENT has proposed to establish a Wind Energy Unit under project development cell headed by Sri K. B. V. Rao, Asst. Prof, Dept of Mechanical Engg which involves the contribution of Mechanical Engineers, Electrical Engineers and Electronics Engineers. The objective behind this project is enhancing the skills and abilities of the students and also to develop confidence among the students. This project when implemented generates electrical power using wind as a source which is stored in Batteries and can be used when required. With the academic Interest this project has been initiated which involves the contribution from students right from II Year.

Technical specification

Power generated – 500w at 12 y

Height of the unit – 16 feet

Diameter of fan blades – 10 feet.



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For further details

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Organizing Members

J.Sandeep (IV Year)
K.Arun (IV Year)
I.Anudeep (IV Year)
M.Rajashekar Reddy (IV Year)
S.Divya Reddy (IV Year)
G.Rohini Priya (IV Year)

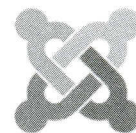
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