



# AARW NEWSLETTER

*A quarterly publication of Anjamma Agi Reddy Engineering College for Women, Hyderabad*

*Issue No.7, July 2012*

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## **From the Principal's Desk**

Some children were given one sweet each. They were told, "If you can wait for 20 minutes without eating your sweet, you will receive one more". Then the teacher left. Some of the children could not resist and ate their sweet immediately. A few others waited for two or three minutes and then ate. Only a few still held their sweet without eating when the teacher returned after a while. These children had felt it worthwhile to wait for the second sweet. In other words, they opted for delayed gratification. The Stanford University researchers then studied the progress of each participant child into adolescence. They found that those children who waited patiently (to win the second sweet) were psychologically better adjusted, more dependable persons, and, as high school students, scored significantly greater grades in tests.

In life too, there will be several occasions when you get higher rewards if you are willing to forego the immediate reward and wait. Those students who are willing to exert now by foregoing pleasures (like spending time in cafes or movie theatres or on mobile phone) will later reap the rewards of a high paying job. So, complete your studies and acquire an engineering degree without backlogs and get into a job before you think of anything else. Those who give up studies before acquiring degree are guilty of wasting scholarship money, which could have gone to a more deserving candidate.

In the summer vacation, some of our students browsed through the next semester books. Some helped their parents in the family business. Some travelled. Some did part time summer jobs like book keeping and data entry. Some took up tuitions for school children. What did *you* do?

With our reputation for disciplined and dependable service, our college was chosen as a venue for the prestigious Andhra Pradesh Public Service Commission for their Group II Examinations held on July 21 and 22, 2012. The exams were well planned and executed with perfection by our innovative and committed staff members.

In this issue, we have lists of toppers in examinations and the Mantra for success. Photographs of our annual day celebrations (March 22) and sports run follow. Then we present Tessy Thomas a woman of accomplishment in Missile technology. News of developments in Science and Technology follow in the regular feature ***From far and near.***

- Dr. Palanki Balakrishna



**Pilot vehicles of sports run by our students who ran in large numbers**

#### **Toppers in II B.Tech II Semester II Mid Examinations (April 2012)**

ECE: I Femida Bano, I Hashmath Sultana, II N Priyanka, III Ala Akhila, G Mamatha

CSE: I G Swetha Reddy, II P Mounika, III Ch. Mounkia

EEE: I B Soundarya, II Sravya Kulkarni, III S Anuradha

#### **Toppers in I B.Tech III Mid Examinations (April 2012)**

ECE: I Syeda Fatima Zohra, II P Sai Prasanna Kumari, III C Lavanya

CSE: I Preethi Lal, II D Vaishnavi Goud, III Wajiha Neha

EEE: I P Akhila, II M Nagamani, III S Susmitha

#### **Toppers in II B.Tech II Semester End Examinations (April 2012)**

ECE: I Fehmida Bano, II Hashmath Sultana, III Kallu Vineela

CSE: I P Mounika, II G Swetha Reddy, III Farriya Naaz

EEE: I B Soundarya, II N Jamuna, III N Manjula

#### **The Mantra for success**

Maintain good health by balanced diet, daily exercise and positive attitude. Sleep well, meditate.

Attend classes every day - Do not convert the working day before/ after Sunday into holiday

Read your lessons on the same day – do not wait for exams. Discuss topics among friends.

Recollect subject matter and formulas while travelling or washing or walking.

Make use of every available minute, every day including those on holidays and *bandh* days

Get additional info from the internet (NPTEL); Solve old question papers in every subject

- Bapur Esther II B.Tech CSE



**The Annual Day function begins with Jyothi Prajwalana by Chairman and Secretary, Mahaveer Educational Society and Principal**



**Honourable Vice Chancellor (JNTUH) Rameshwar Rao addressing the students**





**Students listening to the Vice Chancellor**



**Presentation of memento the Vice Chancellor by Chairman Sri Sudershan Reddy**



**Shaheena Tanveer receiving certificate from Director, Student Affairs**



**Preeti Lal receiving I prize for her Poster Paper on 'Solar Cooker'**





**Kho Kho Team receiving I Prize from Chairman, Mahaveer Educational Society**  
**From left: Vineela, Soujanya, G Mamatha, Priyanka, Shahreen, Anusha and C Mamatha**



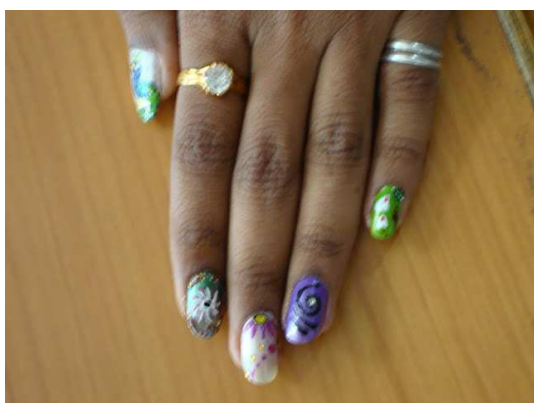
**Face painting competition winners: P Pratyusha, Navya Shree and Sri Lakshmi**  
**Volunteers: Ch. Mounika, A Srilakshmi and Ankita Arora**



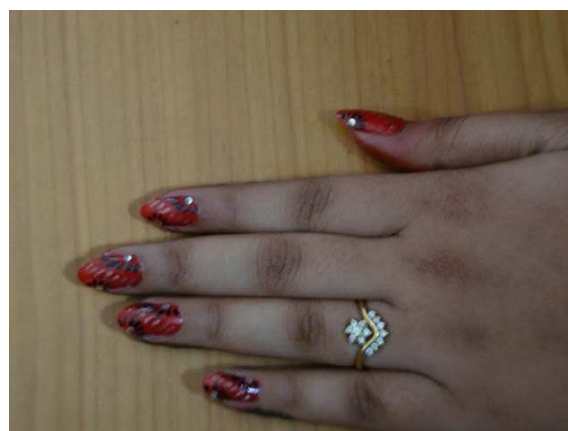
**T Shirt slogan from Ch. Mounika reflecting the reality of life**



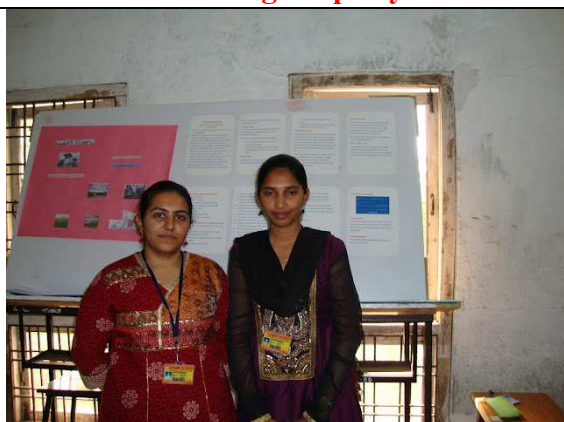
**Creativity in simplicity in vegetable carving by A Samatha**



**Peacock, star, the Sun, Galaxy and the universe all on finger tips by P Mounika**



**Magnificent Art with just black and red by R Shravani**



**Poster paper on *Programming Errors* by Ankita Arora and P Prathyusha**



**Anchors Jyotsna and Ankita enthrall the audience**





**Sri Surender Reddy, Secretary Mahaveer Educational Society, giving message**



**B V Lakshmi, Divya Shree, G Mounika, Ala Akhila receiving I Prize from Chairman**





**Amulya receiving memento and certificate from Mrs. Agnihotri,  
Joint Secretary, Mahaveer Educational Society**



**B Pravallika, D Mamatha, G Mamatha, R Anusha, G Mounika, C Mamatha  
receiving prize from Principal**

	
<p><b>Classical dance by Narmada</b></p>	<p><b>Skit by G Jyothi, O Swetha and Haritha</b></p>
	
<p><b>Sneha, Preethi Lal, Mahalakshmi, Jyothi presenting the costumes of India</b></p>	<p><b>N Priyanka dancing away to a lively tune</b></p>

### **Hearty Congratulations**

Dhananjay Reddy, son of Chairman got engaged to Kavya Reddy on 25.07.2012

### **Tragic loss**

You must have seen on page 2 of this Newsletter that Ms. P Mounika III B.Tech CSE secured the FIRST rank in II B.Tech II Semester Examinations. She also presented a paper on *Mobile computing* at Vignan Institute of Technology and Science. Fate has been cruel in that her father died in a horrific accident on 16.05.2012. May his soul rest in peace. May God give her and family members the courage, determination and strength to move ahead in life.

The silver lining in this tragedy is that the college enrolls all its students with the United India Insurance Co Ltd. As a result, Ms. Mounika will receive Rs. 3 lakhs as compensation and Rs.25000 per annum towards tuition fee part reimbursement.





### **Know our Nuclear Missile Builder!**

**Tessy Thomas** (born 1964) is the Project Director for the Agni-V in Defence Research and Development Organisation, Hyderabad. She holds an M.Tech degree in Guided Missiles from the Institute of Armament Technology, Pune. She is the first woman scientist to head a missile project in India. The missile has a range of 5000 km and will serve as a weapon of peace (deterrent). It was successfully tested in April 2012.

***“A wise man will make more opportunities than he finds.”***

**– Francis Bacon (1561-1626)**

***“It is not enough that we do our best; sometimes we must do what is required.”***

**– Winston Churchill (1874-1965)**

***“Many of life's failures are people who did not realize how close they were to success when they gave up.”***

**– Thomas A. Edison (1847-1931)**

### ***From Far and Near***

#### ***Achievement Hyderabad!***

The drug called *Temozolomide* reacts in tropical climate and this causes it to lose colour. It also loses its medicinal activity. For patients, it is disturbing to see a dark tablet. Researchers at Hyderabad Central University have now found that treating the solids containing the drug with acid enhances its shelf life from 2 months to more than 6 months.

#### ***Higgs boson detected?***

Just as there are electric field (associated with an electric charge) and magnetic field (associated with a magnet), there is a Higgs field associated with Higgs Boson. Those particles which interact with the all pervasive Higgs field have a mass. Examples are electrons, protons, neutrinos. Those particles which do not interact with Higgs field do not have mass. Example is a photon. Massless entities travel at the velocity of light. The presence of mass slows down the particles. When you are on snow, you will find that skating is much faster than wading through it. The existence of the subatomic particle, the Higgs boson was predicted in 1980. It was needed to explain the mass of any substance in the Standard model of the universe. But the particle itself could not be found and named ‘God Particle’. Now atom smashing scientists at CERN have announced that they created the Higgs Boson, though only for an insignificant fraction of a second. Archana Sharma is the only Indian in the Higgs Team. However,

several scientists working in India are also involved. The name Boson has its origin from the name Satyendranath Bose (1894-1974)

### ***Transit, not eclipse!***

When the moon comes in between the earth and the sun, it covers the sun and you see the solar eclipse. When the Earth comes in between the Sun and the moon, the Earth casts its shadow on the moon and you have lunar eclipse. On June 5, 2012, the planet Venus came between the Sun and the Earth. But Venus is so far off from the earth that it could be seen just as a dark spot gliding across the Sun instead of eclipsing it. This transit will not occur again till 2117. Venus is almost the same size as the Earth, but the atmosphere on Venus is carbon dioxide with clouds of sulfuric acid. The temperature is 730 K, that is, hot enough to melt lead. The atmospheric pressure is 90 times that of the earth and equivalent to the pressure at a depth of 3 km in the sea.

### ***Psychokinesis!***

15 years after being paralysed by a stroke, a 58 year old woman was able to reach for, pick up and take a sip of a drink by using her thoughts to operate a robotic arm. The woman had depended on caregivers to do this for her. BrainGate, a multidisciplinary team of researchers has spent years developing these human/robotic type systems. Part of the BrainGate system is implanted in the brain to capture the neural signals that control intentional movement. It holds promise for people with brain injuries and disorders.

### ***A giant leap for womankind!***

Women from the ultra conservative kingdom of Saudi Arabia will now be allowed for the first time to participate in the London Olympics of 2012. Though it is an important step forward, millions of Saudi women continue to be banned from sports in schools, colleges and events. Women are denied access to sports facilities, gymnasiums, and swimming pools and not allowed to ride or drive.

- Compiled by Dr. Palanki Balakrishna

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### **Mahaveer Educational Society**

Chairman: Sri. S. Sudershan Reddy garu, Secretary: Sri. S Surender Reddy garu.

### **Anjamma Agi Reddy Engineering College for Women**

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***Committed to Education, Emancipation and Empowerment of Women***