



AARW NEWSLETTER

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From the Principal's Desk

Do you know that only 16% Indians get the chance to go to college? You are in that privileged few. The financial support from your parents and the government can be justified only if you attend all classes, make use of every moment in acquiring knowledge and get good marks.

All of us tend to do what we are used to doing earlier. But if you see the people who are highly successful in their career and life, you will notice that those are also the people who did not hesitate to do something new, who were never afraid of change. I will be happy to see my students and staff to be bold and venturesome, be it a paper presentation or a challenging project. Only those who step out of their comfort zone can be winners. You have to get into water if you wish to learn swimming.

I visited the University of South Florida in the US early this year. It has over 48000 students and awards about 11000 degrees a year. The student to faculty ratio is 20 to 1. 63% of the students are white, 16% Hispanic, 12% African American, 7% Asia / Pacific Islanders and 0.4% American Indians. I had the wonderful opportunity of giving a 3 hour lecture to students of Mechanical Engineering. I also presented a technical paper in the International Conference on **Characterization and Quality Control of Nuclear Fuels CQCNF 2012** on February 29 in Hyderabad.

Several of our students spoke very well in the Women's Day get-together. Some of the points made: Pointing finger at men is not our agenda. Do not keep telling what the government should do or what some one else should do. Tell what you can do what you have done to improve the lot of less fortunate women. If you are a mother, insist that your daughter too should go to English medium school when your son is being sent to one. Do not discriminate between boys and girls when it comes to lunch pack or medicine. If you are a mother in law, treat your daughter in law as your own daughter and vice versa.

Our college celebrated Annual Day on March 22. Details of the event will appear in the next issue.

In this issue, the toppers and winners are listed. We have photographs of achievers, Rangoli competition, Republic Day and Women's Day events, followed by a reminder that every moment in the 24 hours of a day is precious. There is a poem welcoming the new year **Nandana**. Finally we have the science column **From far and near**. Wish you all the best in the end semester examinations!

- Dr. Palanki Balakrishna



Akula Akhila gave a Hindustani vocal recital at Nalgonda Public School, Narkatpalli in Bhimsen Joshi Memorial Concert on 24.01.2012



V Bhavana, winner of first prize in pencil sketch competition



Navya, Rahat Durakshan Siddique and Pratyusha – team work in action



Mounika, Swetha and Sanjana want to say it with flowers



Finishing touches by Samatha, Manasa, Vaishnavi



Bird's eye view of the marvellous *muggulu*



Our flag, our college and our art – Uma, Vidya Priya and Hymavathi



Dr. Manchala, Dr. C K Rani, Smt. Ch. Nagalakshmi, Smt. Madhu Bala and Smt. Ratna Deepika, judging the best among the best



Students and staff saluting the tricolour on January 26, 2012



***Pataaka Vandanam* by Sri Surender Reddy, Secretary, Mahaveer Education Society and Smt. Madhubala, Acting Principal**



**Sri Sudershan Reddy, Chairman Mahaveer Education Society,
greeting the students and staff on Republic Day**



A section of the republic day gathering



Chairman presenting Republic Day Award to Preethi Lal

Toppers in II B.Tech I Semester Examinations (December 2011)

ECE: I Femida Bano, II Neeha Tarunnam, III Hashmath Sultana

CSE: I G Swetha Reddy, II K Shireesha, III P Mounika

EEE: I B Soundarya, II C Priyanka, III S Sandhya Rani

Toppers in II B.Tech II Semester I Mid Examinations (February 2012)

ECE: I Hashmath Sultana, II Fehmida Bano, III G Mamatha

CSE: I G Swetha Reddy, II P Mounika, III K Shireesha, Minu Mohan, S Parvathi

EEE: I Sravya Kulkarni, II B Soundarya, III Afroz Aziz

Toppers in I B.Tech II Mid Examinations (February 2012)

ECE: I Syeda Fatima Zohra, II P Sai Prasanna Kumari, III D Manisree

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

EEE: I S Sushmitha, II M Nagamani, III D Anusha

Continuous effort - not strength or intelligence - is the key to unlocking our potential - Sir Winston Churchill (1874-1965)

Let us be grateful to people who make us happy, they are the charming gardeners who make our souls blossom" - Marcel Proust (1871-1922)



Women's Day Get together – Jayasree and Srija welcoming with flowers



Chief Guest Smt. G Rohini Devi (Outstanding Scientist, Defence Research and Development Organisation) arriving at the venue



Akhila presents invocation song – anchors Sushmita and Kruttika



Women's Day audience, attentive and enthusiastic as ever



Principal, Mrs. Agnihotri, Radhika (Award Winner), Mrs. Rohini Devi, Dr. Manchala

Speakers in Women's Day Get together

1. B Jyotsna – II B.Tech CSE
2. P Sai Prasanna Kumari — I B.Tech ECE
3. P Sruthi Moudgalya – II B.Tech ECE
4. Bapur Esther – CSE – I B.Tech CSE.
5. Hasmath Sultana –II B.Tech ECE.
6. Sahithi – ECE - III B.Tech ECE (MIST)
7. G Swetha Reddy – II B.Tech CSE
8. Syed Fathima Zohra – I B.Tech ECE
9. K Rintu Joseph – II B.Tech CSE
10. N Shaheena Tanveer – II B.Tech CSE

Every moment is precious

This is the beginning of a new day.

God has given me this day to use as I will. I can waste it or use it for good.

What I do today is important, because I am exchanging a day of my life for it.

When tomorrow comes, this day will be gone forever,

leaving in its place something that I have traded for it.

I want it to be gain, not loss; good not evil; success not failure;

in order that I shall not regret the price I paid for it.

- Collected by Mrs. V Lakshmi Savitri Vatsalya, Asst. Professor

Ugadi

చిట్టి బుజ్జాయిలకు నువ్వంటే ఇష్టం నీ వెనకే వేసవి సెలవులోస్తాయని!
రైతన్నలకు నీ రాక ఇష్టం పంటకనువు కాలం తీసుకొస్తావని!
కోయిలమ్మలకు నువ్వంటే ఇష్టం లేత మావి చిగుళ్ళు మోసుకొస్తావని!
కవులందరికీ నీ రాక ఇష్టం నీ పైన కవితలు అల్లుకోవచ్చునని!
ఓ నందన నామ సంవత్సరమా! వస్తున్నావా మా కోసం తెస్తున్నావ సీరి సంతోషం!

- Sudha Rani Achanta

From Far and Near

Measure BP on both hands!

The normal blood pressure is about 120/80 mmHg. A high or a low blood pressure can cause problems. A person with normal blood pressure in one hand and below or above normal in the other is likely to have blood vessel problems. Narrowing of arteries carrying blood to the legs and brain decreases blood flow. If the systolic blood pressure or the pressure when the heart is contracting differs by more than 15% between the two arms, there is a 70% increase in the chance of stroke or heart attack. The next time you go to the doctor, insist on measurement of BP on both arms.

Communication of a sort!

We communicate using language, body language, sign language etc. Ants and bees manage complex social structure and coordinate group action through communication. Plants do not have brains, but do communicate with each other and with fungi, bacteria and all sorts of organisms. When a plant is being attacked or being eaten by an insect for example, it releases aromatic chemicals which warn other plants of the danger. Sniffer dogs are able to pick up the scent of the chemicals released to signal distress. Now electronic detectors with enhanced accuracy and reproducibility have been developed at the University of Alberta for discrete use of pesticides. The communication has been confirmed as the neighbouring plants that are not being eaten also released the same chemical as those under attack. So listen carefully the next time you pluck a flower or eat *paalaak*.

Five in five from IBM!

IBM has predicted five innovations likely in the coming five years: 1) People will power electrical devices using everything from the water flowing through the pipes in their house, to their running shoes and bike spokes. 2) Passwords will be eliminated and replaced with biometric scanning. Simply look into the computer and it will unlock. 3) Your brain will be linked to your digital devices. In other words, when you think about calling someone, it happens. 4) The digital divide (technology gap between developed and developing countries) will be eliminated, thanks to mobile devices that will be able to power remote health care and mobile commerce. 5) Junk mail won't exist, since analytics will allow marketers to send only the information recipients are really interested in.

Science at your finger tips!

Sir C V Raman announced his discovery of light scattering on Feb 29, 1928. Feb 29 is celebrated as Science Day. **Vigyan Prasar** and **IGNOU** together have launched on Science Day a free SMS service for mobile users that delivers content on science and related areas. The number of mobile phones in the country has touched almost a billion. The penetration of mobiles has been immense. 'Science@Mobile' will provide all types of information on science subjects including news, important days and events, facts, humour, quotes about scientists, health tips and green tips to its subscribers free of cost. Users can subscribe to the service by messaging "SCIMBL" to 092230516161 or clicking the link provided at **Vigyan Prasar** website. But during the class, forget the mobile and listen to your teacher. I will be happy if the information comes to me in Queen's English instead of SMS.

Not just honey!

The honey bees and the bumble bees help in pollination, a process essential for growing fruits, nuts and vegetables. In recent times, there has been a drastic decline in bee populations in several countries, named 'Colony collapse disorder'. One of the reasons for this has been the use of the pesticide **neonicotinoid**, put on seeds of many major crops in many countries. The seedlings absorb the chemical as they grow. Farmers need not spray a whole field. This minimizes water contamination by the chemical. Instead, there is a little bit of insecticide inside each plant, including the pollen and nectar that the bees want. Bees with nicotinoid poisoning lose their sense of direction and can not find their way back to the hive.

- Compiled by Dr. Palanki Balakrishna

The only folks we really wound are those we love the best. We flatter those we scarcely know, we please the fleeting guest, and deal full many a thoughtless blow to those who love us best"
- Ella Wheeler Wilcox (1850-1919)

They don't remember what you try to teach them. They remember what you are - Jim Henson (1936-1990)

A student never forgets an encouraging private word when it is given with sincere respect and admiration – William Lyon Phelps (1865-1943)

Mahaveer Educational Society

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

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Committed to Education, Emancipation and Empowerment of Women