



AARW NEWSLETTER

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From the Principal's Desk

Anjamma Agi Reddy Engineering College for Women was established in 2010 by Mahaveer Education Society, who have been running Mahaveer Institute of Science and Technology for over a decade. The new college for women has been named after the illustrious parents of the Chairman Sri S Sudarshan Reddy garu and Secretary Sri S Surender Reddy garu. A newsletter is being brought out to serve as a platform for creative expression by students and staff members of the new college. All are invited to submit their original articles. Internet downloads have no value for us.

I take this opportunity to draw the attention of students to some issues of great importance. Firstly, I want all students to take the best care of their health. The key to good health is a good *diet* and adequate *exercise*. Ensure that your diet consists of a wide variety of leafy vegetables (*Palaak, Ponnaganti, Menthi, Bachali* etc), a mixture of oils (sun flower, gingelly, ground nut, rice bran, olive etc) and as many fruit as possible. Eat carrots, cucumber, beet root and tomato as salad. Avoid *chat* and deep fried stuff. Never lose an opportunity to walk or climb or play. Use the staircase instead of the elevator for going to higher floors in the college. Walk down the short distance from the college to the main road instead of hopping into a seven-seater or minivan at your college gate.

After diet and exercise, attendance at college is most important. Any good teacher will be motivated to do better, if his or her class is full. Aim for 100% attendance instead of the mandatory 75%. It is well established that the performance of a student in the examinations is directly proportional to his or her attendance. If you aim for 100%, and then you fall sick unexpectedly, you will still be safe with over 75%. Study your subjects every day right from Day 1. Do not wait for announcement of the examinations. If you study well, you will have a good degree in hand, which will ensure a good job. You will be empowered if you put in efforts right now. Do not allow yourself to be distracted by the TV channels or movies, except for *Discovery* or *History, Geography* channels and *Gyan Darshan* channel.

In this issue, we have an essay ***Woman power*** by Ms. Hashmat Sultana, ***Mother***, a poem by Ms. B Jyothsna and ***For Ever***, another poem by Ms. T Sanjana. Students should be aware of the developments in society, science, technology and environment. ***From Far and Near*** offers some of these. Wish you a happy new year!

- Dr. Palanki Balakrishna

Woman Power

Once upon a time, women were considered as weak, sacrificing, powerless, home making etc. As the days passed, women made others change their view of women. They have shown women as challenging, courageous, empowered, able to face any critical situation and the same time endowed with kindness. They recognize their rightful place in society and with self esteem. Women feel that 'a well beaten track is not the best path' and started finding their own ways of reaching their destinations.

People say that a woman is like a leaf. Whether the leaf falls on the thorn or the thorn falls on the leaf, it is the leaf that is destroyed and it is the woman who suffers. In my view, when a leaf is destroyed, it leads to the growth of a branch at that place.

Women have started broadening their vision, outlook and philosophy. As a tree grows against gravity, the woman contributes in spite of pressure of circumstances. Until and unless you destroy a tree completely, it does not stop growing. Even though the seeds are dry, they have the capacity to germinate and the plant grows again. Mother Teresa, a great servant of humanity left this world but continues to live in our hearts.

Woman is like a river which does not know whether it reaches its destination (sea) or not, but it will not stop flowing, whatever may be the hurdles in its path. Even when it dries up, its path is still visible. Rani Lakshmi Bai is a great woman who did not know whether India would attain freedom, but she fought on till her last breath and became a role model for courage.

A woman's thoughts are deep like the ocean, high like the sky and countless like the stars and blossoming like a flower. One such great woman was Indira Gandhi.

Through sheer determination and will power, women piloted aeroplanes, explored outer space, fought wars in the army, led the nation as Governor or Prime Minister. Now the entire universe is within their reach.

A bird collects all possible tiny materials to make its nest comfortable for its offspring. Similarly, a woman makes all possible efforts to provide food, health and security to her family and to the society. One can readily proclaim: There is no life without women.

Women's empowerment begins with her education. Once educated, a woman will certainly shine in her career and life, just as radium continues to glow even after the source of light is no longer there.

- Hashmath Sultana, I B.Tech, ECE

What we think, or what we know, or what we believe is, in the end, of little consequence. The only consequence is what we do - John Ruskin

Do not wait for the ship to come in. Row out to meet it - Jackson Brown Jr.

Welcoming New Year!



Mother

From the day you are born,
She treats you like a rose without thorn
She decorates you in her garden,
Never considers you a burden.
She brings you up with love and patience
As you are one her creations.
Her heart is like a valley of peace,
Very rare where one can stay under care.
She is always with you in your life,
To hold you, to support you and to make you survive.
She will sacrifice her life for you,
Which no other creation would do.
Truly is she God's masterpiece.

- B. Jyothsna, I B.Tech CSE

For Ever

We are the CSE students of AARW, synonymous with greenery
We speed up calculations and reduce life's drudgery.
Our teachers are not just teachers, they are our parents and guardians too,
Helping us to nurture our dreams in all things we do.
Their exertion for our excellence is our attraction
And we never believe in any type of distraction.
We are thankful to our teachers who helped us in strife
And taught us the value of life.
Laugh and make others laugh' is our motto
Never will you find us in sorrow.
No one can break the bonds of our friendship
Whatever may be the hardship.
All our dreams take shape here
Just four years here and then happiness for ever.

- T Sanjana, I B.Tech, CSE

The activist is not the man who says the river is dirty. The activist is the man who cleans up the river - Ross Perot

Some wish blessings, others pray for them. Some send blessings and they become one - Joyce C. Lock

Rangoli Competition





Winners in Rangoli Competition:

First Prize: S Anuradha, A Sowjanya, C Prinyanka

Second Prize: Parimala, Akhila, Neeha

Third Prize: P. Mounika, Pratyusha, Rintu Joseph.

Judges: Sri S. Surender Reddy, Secretary, Mahaveer Education Society, Dr. KSSSN Reddy, Principal, Mahaveer Institute of Science and Technology, Dr. G Manchala, HOD(MBA) Mahaveer Institute of Science and Technology, Dr. Palanki Balakrishna, Principal, Anjamma Agi Reddy Engineering College for Women.

From far and near

Thank you dear Microbes!

A large component of the oil spill in the Gulf of Mexico from the BP Deep Horizon well was natural gas, including methane. Scientists measured the hydrocarbons in the ocean and found that

the methane was degraded by naturally-occurring bacteria far quicker than they had expected. It will be great if Mother Nature is benevolent with the spilled oil too.

Corruption and earthquakes

In the course of a construction, it is easy to cover up the substandard work of the previous stage. Building collapse is the greatest killer (90%) during an earthquake. Though it is relatively easy to make quake-proof structures, in some countries the building industry is rife with corruption, shortcuts and lax inspections. This compounds the ignorance and poverty which prevent use of cement and steel adequately, like in Haiti last year. If the corruption index of the least corrupt country (Iceland) is 1, that of India is 88, while China is better off at 78. The corruption index is found to increase more than linearly as the per-capita income of a country decreases. The increasing corruption has put brakes on aid flow from the richer countries.

Stopping the spread of avian flu in poultry

While many people are coping with swine flu and seasonal flu, the avian influenza virus is spreading in poultry again. South Korea recently confirmed its first outbreak of avian flu since 2008, having to cull many thousands of birds. The conventional approach to stopping the spread is to use vaccines. But molecular virologists in the UK are trying a new approach - genetically engineering chickens with molecules that bind onto and block transmission of the virus – with the eventual aim of making them immune.

Electric Superbikes

Using alternative sources of fuel is the need of the hour, to minimise global warming. At the Detroit Auto Show in the US, an all electric superbike made its world racing debut, not in a special class of electric machines, but against petrol powered motorbikes. The new bike competed well against the fossil fuel powered equivalents – coming third and second. It develops 194 bhp and has a max speed of 240 km/hr. The heavy battery leaves no space for the pillion rider, though.

Wikipedia

Wikipedia (not Wikileaks) the free online encyclopaedia consisting only of contributions from its readers has completed 10 years. Though scoffed at by sceptics for allowing all sundry to edit, it has become handy and is viewed by 410 million visitors a month. With China virtually cut off and Western markets saturating, Wikipedia is targeting India first and possibly Brazil next to reach its goal of one billion users, while continuing to be a non-profit organisation sustained by donations. More than a lakh contributors write and edit articles for free in 270 languages. The site carries 17 million articles in English, adding 1100 every day. If you wish to give your own article, do include authentic references to avoid deletion.

Exam anxiety

Many people get crippled with nerves before a big test. But now psychologists have found, by

experiment, observation and inference, that if you spend ten minutes writing about your worries for a forthcoming test just before you take it, you perform much better. Downloading worries on paper has been found to upgrade score from B minus to B plus among high school students. May be useful for end-semester examinations.

Tsunami of rats!

After the Hungarian flood of red mud (from Aluminium production), now there is a threat of rat floods, this time in India and Bangladesh. Once in 50 years, the bamboo trees in the forests bloom and their fruit drop to the ground. Suddenly there are plenty of bamboo seeds for rats to eat, which multiply fast. The breeding rate is directly proportional to the food available. Soon they consume every thing available. Faced with shortage of food, they invade the fields of the nearby villages, just in time to gobble up the ripened crops. Because it happens so rarely, farmers are caught off guard. One technique has been to plant crops with a shorter cycle so that the harvesting is over by the time the rats arrive. But the yield is less. Conventional rat traps or vacuum suction are also used which do not seem to be very effective.

Justice without delay

In China it takes a maximum of three months for getting an accused tried for an offence, convicted and sent to jail. Civil or commercial disputes are either settled through arbitration within six months. The entire judiciary, from the lower court to the highest court, is well connected through a computer network. The case management system with well-knit archives is so scientific that every information is displayed on the screen for the benefit of the litigants and judges, the moment a case is taken up for hearing. In a criminal case, information on the accused, including the thumb impression, weapons seized from the scene of occurrence, and witness depositions can be obtained on the computer screen during the hearing/trial. The written judgments would be not more than four-five pages and the final decision would be incorporated in one page.

- compiled by Dr. Palanki Balakrishna

Reflect upon your present blessings, of which every man has plenty; not on your past misfortunes of which all men have some - Charles Dickens (1812-1870)

Mahaveer Education Society

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

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