



ESTD : 2010

AAR MAHAVEER NEWSLETTER

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From the Principal's Desk

The two photographs inserted by Ms. Vasavi in this issue made me think. The first one is about a lady who had travelled to the US by ship for higher studies 130 years ago. That was a time when women's education was considered unnecessary or even undesirable. Unfortunately, she died very young. The second photograph is that of now internationally famous *Malala*, who was shot in 2012 by the Taliban for having attended school. Both these women fought against all odds to get educated. So I wonder if some of our students should have been putting in more effort, having been blessed with so much support from the society and the government. Where else in the world will you find 33% reservation for women in engineering education, tuition fee reimbursement and subsidized public transport for both men and women from tax payer's money? Should they not be attending 100 percent of the classes and labs, study every day and participate whole heartedly in all the college events? Is it not avoidable for some students to be paying attendance shortage condonation fee, exam late fee etc to the university? In an age of information explosion and internet connectivity, it is shocking to see students reading *All in One* written by anonymous authors.

The other issue of concern is the declaration by employers that only 20 percent of the engineering graduates are industry ready. Instead of expecting the others to take remedial measures, they too can certainly do some thing. India is the 3rd largest economy of the world and needs several trained people to keep it moving forward. While there is no doubt that the teachers and the students can do a lot to qualify to be industry ready, why can't the industry throw open their doors for internships? Each industry is different and it is impractical to mould students to suit every industry in just four years. The University can help by changing the content of syllabus and question papers. Descriptive questions may be replaced by questions that require thinking, computation and analysis. Questions beginning with *Define, Describe, Derive, Explain* etc may be replaced by *Design, Compute, Compare* etc. It appears that Institute of Chartered Accountants, the Departments of Atomic Energy, Space and Electronics of the Government of India all maintain high standards in their recruitment examinations, without being concerned of how many of the applicants pass.

Some teachers are remembered by their students for a long time in their lives. Some others are forgotten quickly, while a few are remembered for the wrong reasons. A good measure of a teacher's popularity is the percentage attendance in his class. If the students find the class interesting, they will attend.

– Dr. Palanki Balakrishna

In this issue

We give the names of prize winners in Annual Day competitions. Then we have glimpses of Rangoli, followed by useful tips for writing resume. We have photographs of Pushpanjali, Republic Day, Student seminar participants and Annual Day. On the occasion of Earth Day (April 22), G Ramesh pins us down on trash build up. On the occasion of Women's Day (March 8), Ms. Vasavi has inserted photographs of two great women, one taken in 1885 and the other in 2013. Aparna has got engaged. Our AO celebrated his daughter's marriage. Chairman's grand daughter receives blessings from a loving elder on the occasion of her first birth anniversary. This time, *From Far and near*, includes Indian achievements in science, medicine and technology.

Annual Day Competitions Winners

Essay Writing

I Hashmath Sultana IV ECE, **II** G Swetha Reddy IV CSE, **III** Preethi Lal III CSE

Debate

I A.Soujanya IV-ECE, G.Shaila Rani III-CSE, Kruttika Sutrave III CSE, Ameena Kauser II CSE, Putta Jeevana Sharavani III CSE

II G.Swetha Reddy IV CSE, Hashmath Sultana IV ECE, Nelanti Priyanka IV ECE, Manapathi Ravalika II CSE, Syeda Meraj Unnisa II CSE

III Shaik Nazleen III ECE, P. Mounika IV CSE, K.Rintu Joseph IV CSE, Bapur Esther III CSE, Syeda Fatima Zohra III ECE

Chess

I C Mamata IV ECE, **II** B Esther III CSE

Carroms Singles

I B Soundarya IV EEE, **II** G Swetha Reddy IV CSE

Carroms Doubles

I B Pravallika & G Monika IV ECE, **II** A Samatha & B Saritha III ECE

Table Tennis Singles

I K Rintu Joseph IV CSE, **II** Pratima Dhanraj III ECE

Throw Ball

I G Monika, G Mamatha, N Priyanka, B Pravallika, M Lakshmi, A Soujanya, A Akhila IV ECE

II B Esther, C Priyanka, G Shaila Rani, Preethi Lal, A Sneha, A Sreeja, D Vaishnavi Goud III CSE

Tug of War

I G Monika, G Mamatha, N Priyanka, A Santhoshi Kumari, K Pavani Reddy, B Pravallika, Ratna Shrivani, Shahreen, M Jyothi IV ECE

II Annu Samatha, Bhukya Saritha, P Sai Prasanna Kumari, D Manisree, R Vasavi, R Jayasree L Radhika, C Lavanya, D Pratima Dhanraj III ECE

Pot Painting

I P Mounika IV CSE, **II** A Sneha III CSE

T Shirt Painting

I Hashmath Sultana IV ECE, **II** Chanda Mounika III ECE

Hair Styling

I A Sneha III CSE, **II** Ratna Shrivani IV ECE, **III** P Mounika IV CSE

Paper Crafting

I Pratima Dhanraj III ECE. **II** Sveda Fatima Zohra III ECE. **III** Bapur Esther III CSE

Annual Day Competitions Winners (continued)

Vegetable / Fruit Carving

I A Sreeja III CSE, **II** Shanmugam Kokila III CSE, **III** Hashmath Sultana IV ECE

Solo Dance

I Madem Pushpalatha III ECE, **II** Nelanti Priyanka IV ECE, **III** Chinnolla Lavanya III ECE

Group Dance

I P Navya Sree & Rahat Durakshan Siddiqui IV CSE, **II** Shahreen & party IV ECE, **III** Chinnolla Lavanaya & Halavath Nirmala III ECE

Nail Art

I Vennu Shivani IV ECE, **II** A Sneha III CSE, **III** Ratna Shravani IV ECE

Songs

I Penta Sai Prasanna III ECE, **II** G Revathi II ECE, **III** K Rintu Joseph IV CSE

Clay Moulding

I Hashmath Sultana IV ECE, **II** Syeda Fatima Zohra III ECE

Greeting Card Making

I Syeda Fatima Zohra III ECE, **II** Shanmugam Kokila III CSE, **III** Pratima Dhanraj III ECE

Face Painting

I P Mounika IV CSE, **II** G Swetha Reddy IV CSE, **III** Pratima Dhanraj III ECE

Mehendi

I Hashmath Sultana IV ECE, **II** Syeda Fatima Zohra III ECE, **III** Kudumula Manasa III CSE

Glimpses of Rangoli 2014



Kavitha, Sneha, Esther, Sreeja



Deepika, Nirmala



Soujanya, Minu Mohan, Pratyusha, Navyasree



Bhavani Priyanka, Nagamani, Shilaja

Crafting your CV

A CV is a personal document and it has to be original. Do not copy from your friends. Do not purchase it from agencies. You can always copy the format of the CV from elsewhere but not the contents. Do not copy-paste vision and mission statements from the internet. The CV speaks about you and your academic experiences. An air of uniqueness is much appreciated and it is necessary too. Interviewers use CV mainly for two reasons — To select or eliminate from the interviewing process.

Freshers do not have the comfort of being 'head hunted'. Your application will be seen along with hundreds and thousands of others. Only an original and genuine CV stands out. A

+ fresher has no work experience. Then, how to ensure one's CV is rich and unique? It is an art — and you need to plan the sketch from the first year onwards. Draw experience by participating in clubs, debates, symposia, cultural events, and so on, apart from your projects. These experiences can be converted into your 'learning' and can be projected appropriately in your CV.

You can enrich a CV only by including your personal experience and not any borrowed experience. Every word you mention in the CV will have to be substantiated. Attach Xerox copies of your degrees and achievements to your CV.

Companies looking for freshers do not expect experienced people but certainly they look for 'attitude' which a CV can establish. Let the CV speak for your willingness to 'adapt and learn'.

Ensure that your CVs are made in A4 bond sheets with pleasing fonts/size without seeming cramped or crowded. Finally, provide details correctly and check and get checked for errors. I am sure you will not be the one who mentioned that 'I studied BE from 1894 to 1998. Everyone knows it is a typing error but still it can put you on your back foot.

- N. Raj Mohan



Some of the Lady Faculty Members with Principal, AARM



Some of the Gent Faculty Members with Principal, AARM



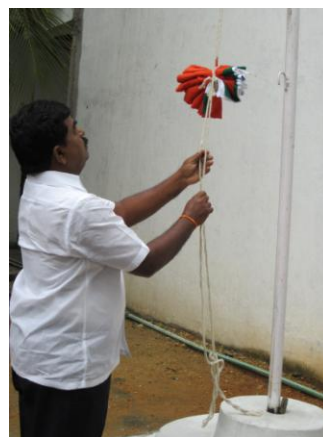
The concluding event Pushpanjali was held on 8.1.2014 as part of the year long Swami Vivekananda's 150th birth anniversary celebrations.

In the left photo, from left 1. Principal MIST 2. Secretary Mahaveer Educational Society 3. Swamy Bodhanandamaya, Director, Vivekananda Institute of Human Excellence, Ramakrishna Mission 4. Prof. T. Tirupathi Rao, former Vice Chancellor, OU 5. Principal AARM. At right, Swami Bodhanandamaya delivering an inspiring message

Republic Day 2014



greeting staff and students



Hoisting the Flag



Students salute

Sri. Surender Reddy, Secretary, Mahaveer Educational Society graced the occasion.



Ankita Arora IV CSE



Ch. Mounica II ECE



**Words Precious from
Chairman**



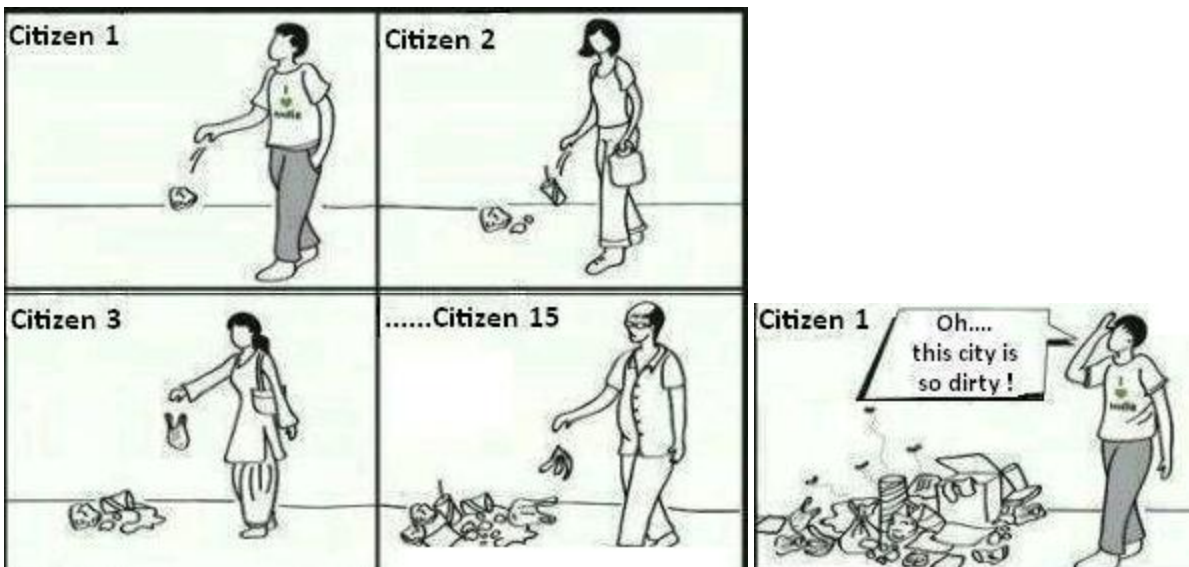
Y. Uma IV CSE



Ch. Mounica IV CSE



R. Shravani I EEE



- Inserted by G. Ramesh, Asst. Professor, ECE

Participants (III CSE and ECE) in the Seminar on “Life Skill Challenges” held on 27.01.2014



Saisree, Shravani, Yekameshwari, Preethi Lal, Revathi, Premavani Topic: Self Awareness



Pushpa Latha, Sreeja, Sai Prasanna Kumari, Sudharani, Radhika Topic: Solving world problems



A Samatha, Ch. Mounka, Saritha, Sravani, Manisree Topic: Time Management



Kavitha, Sreeja, Asma Begum, Sneha, Priyanka, Esther Topic: Interfacing skills



Ashwini, Jayasree, Deepika, Vasavi, Pratima Dhanraj Topic: Critical thinking skills



J. Shruthi, G Shaila, S. Kruttika, K Manasa, Vaishnavi, K Lakshmi Topic: Hurdles in self growth



S. Kokila, V. Bhavana, V. Bhargavi, Wajiha
Neha Topic: Topic: Fruitful relationships



K. Manasa explains
'Internal Locus of Control'



J. Shruthi



A. Sreeja



Preethi Lal



Mrs. Farhat Unissa
Begum, Event Incharge

"The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education" – Martin Luther King, Jr. (1929-1968)

Many persons have a wrong idea of what constitutes true happiness. It is not attained through self-gratification but through fidelity to a worthy purpose." – Helen Keller (1880-1968)

"Magic is believing in yourself, if you can do that, you can make anything happen."
- Goethe (1749-1832)

"Do not underestimate the power of thoughts and words. What you tell yourself every morning will set your mind and life on that path. Talk success, victory, happiness and blessings over your destiny." – Nina Bolivares

Annual Day Celebrations March 15, 2014



Principal MIST, Chairman, Prof. Saibaba Reddy (Rector JNTUH) and Special attraction Ashish Reddy, Cricketer



G. Chakraverti, Director (R&D), Principal MIST, Ashish Reddy, Chairman MES, Saibaba Reddy, Secretary MES, Principal AARM, Dhanunjay Reddy



Cine Actor Krishnam Raju (Vinayakudu) being felicitated by Secretary



Faculty members Aparna, Lavanya, Pavithra, Vasavi, Shilaja, Priyanka



Shravya Kulkarni IV EEE



B Soundarya IV EEE



Hashmath Sultana IV ECE



Swetha Reddy IV CSE

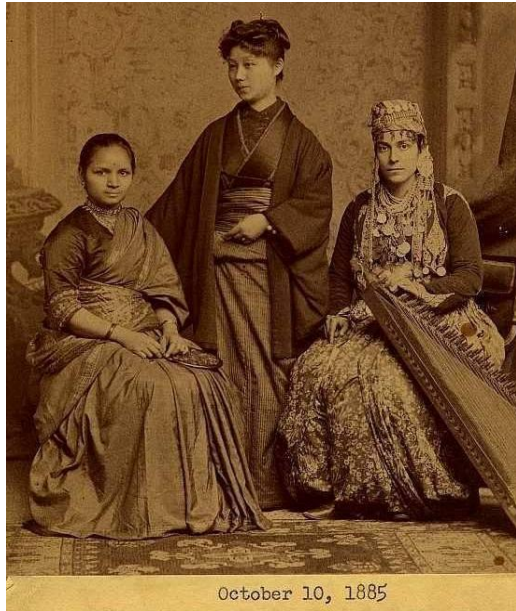


Femida Bano IV ECE



B. Kavitha III EEE

The bold and the beautiful, then and now – women striving for education



Dr. Anandabai Joshee (1865-1887) and two others who graduated from Women's Medical College, Pennsylvania in 1885



“I do not mind if I have to sit on the floor at school. All I want is education. And I am afraid of no one” – Malala, who was shot by Taliban in 2012 for having attended school

- inserted by A. Vasavi, Asst. Professor, EEE on the occasion of International Women's Day, March 8.

Hearty Congratulations!



A Aparna, Asst. Professor EEE, AARM got engaged to B. Satish Goud, Asst. Professor EEE, MIST on 27.4.2014



Sushma Devi, (daughter of Administrative Officer G. Styananda Rao) weds Prashanth on 8.2.2014

Hearty Congratulations!



**Avni,
grand daughter of Chairman
(daughter of Smt. Agnihotri
and Sri Ajay Kumar Reddy)
celebrated her first birthday
anniversary on 30.01.2014.**

*Our baby girl
A gift beyond measure
A wonder to hold
And a life time to treasure
So sweet
Dancing in on angel feet
Straight from heaven's
brightest star
What a miracle you are!*

From Far and Near

Smart Bandage

In a country where 30% of road accident victims die because of uncontrolled bleeding, the smart bandage (developed by Nirma Labs, Ahmedabad) comes as a blessing. If pressed to a bleeding wound for just two minutes, it staunches blood flow. Made of natural biomaterials, it contains poly-N-acetyl-glucosamine polymer with bioactive properties that react with blood and clot it. It does not stick to wounds like normal dressings and hence easy to remove without pain.

Google Glass in India

According to Chairman, Life Hospital, Chennai, the small glass block that sits above his right eye photographs the insides of a patient for his students. The glass works on voice command. When every second counts, he just has to shout out information vital during a surgery. One can record procedures, live stream to other doctors and store every thing in cloud.

Technology appropriate!

One in four adults suffers from hernia some time in his life. It can be easily treated by surgery. Hernia is a condition where the a part of the gut has torn through the abdominal muscle wall. It can be pushed back and kept in place using a sterile mesh. If untreated, it could be fatal. About 50000 persons die every year in Africa as they can not afford the cost of surgery. One component that adds to the cost is a polypropylene mesh that is used to keep the muscle in place. An Indian doctor, Ravi Tongaonkar, has been using mesh cut from nylon mosquito net for the past several years at a fractional cost. Doctors elsewhere in the world have evaluated the new mesh and found it eminently suitable. The patch of mesh, made of polypropylene costs \$30. The nylon mosquito net patch costs only 5 cents.

Painless Injection

Based on micro-shock waves, a little pen shaped device (developed at the Indian Institute of Science, Bangalore) will blast very thin jets of drugs into your skin. While a needle pierces skin to a depth of about 1-2 mm, the drug jet will perforate just 0.16 to 0.2 mm. Hence it will be completely painless. Costing about Rs.9000, it can be reused several times. It will revolutionise vaccine delivery and be a boon to diabetics who need insulin regular injections.

Smoking on the rise

There is an increase in the number of smokers from 721 million in 1980 to 967 million in 2012, though it is proportionate to the increase in world population. Now, one out of 7 persons in the world is a smoker. In India, it is 1 out of 4. While the number of smokers has gone down in the developed world due to restrictions, campaigning and health consciousness, the number has gone up in developing countries. In East Timor, 2 out of 3 are smokers. Young people smoke, hoping to look mature, to be like their friends and to experiment. Some smokers find stress relief while others perceive pleasure or as a way of killing time. Glamorization of smoking in the movies is said to cause the smoking habit, in spite of the statutory warning and increasing taxation. Once started, the habit continues due to addiction to nicotine.

Regenerative medicine

With scientists learning to create the right environment in which the body can re-grow tissues, the range of lab-grown body parts has widened spectacularly. Last year, mech and aero engineers at Princeton University used 3D printing technology to create a human ear in the lab from animal tissue and electronic material. It is so good that it can pick up frequencies well beyond the human range. Doctors in Netherlands replaced part of the skull of a young woman with a 3D printed plastic one. The original skull was found to be thickening abnormally. This increased the pressure on the brain causing severe head aches and loss of vision. Hence surgeons had to cut it to relieve the pressure on the brain. They then replaced the missing portion with a 3D printed one. The patient has regained her vision and gone back to work three months after the surgery.

Wiping out mosquitoes

Brazil has been fighting against outbreaks of Dengue fever. The parasite is transmitted by female mosquitoes. The mosquitoes have been genetically modified in a lab with a gene designed to devastate the non GM population and reduce Dengue spread. The mosquitoes contain a lethal gene but are kept alive in the lab with the help of the antibiotic tetracycline. Once they reach larval stage, the males are separated from the females which are subsequently destroyed. Then the males, which don't bite, are released for a relationship with wild female mosquitoes. The offspring inherit the lethal gene and die as they have no access to tetracycline their fathers had.

- compiled by Dr. Palanki Balakrishna

Mahaveer Educational Society

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

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