



www.VisionUVCE.in  
63<sup>rd</sup> Edition

# SAMPADA

## Your Window to UVCE

Happy Women's Day



### THIS MONTH'S ISSUE

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# EDITORIAL

UVCE has housed countless number of engineers over its celebrated history of over 98 years. Team Sampada got to interact with a few of the Women Engineers who have scaled great heights in their respective fields. Their down-to-earth nature and their words have inspired us and we believe it will definitely inspire our readers as well. This edition has a lot of views from people of all ages and from across many fields. This was because we BELIEVE that it is not important to just write pages of articles about women in engineering or women's day. But it is about sharing each other's views on women empowerment and learning from others an understanding that we lack; teaching others something that is necessary for an inspiration and bringing greater good to the minds. Thus celebrating womanhood this way! While working on this edition, we got to learn many a thing, our thoughts underwent radical transformations and in the end left us inspired and awed. A big thank you to one and all for contributing to this edition.

A thought: Whilst I was travelling to college via a bus, a blind man got onto the bus. Then a lady offered her seat to him. Another helped him buy the ticket in the crowded bus. And the conductor helped him by informing him on reaching his destination. I am sure many people would have helped him in his day's routine as well. Being a spectator to all of this, the thought that occurred to my mind was that in spite of being unknown to the fact on who will help them or not, hundreds of blind people everyday leave home with a blind trust in humanity that someone will help them cross the road or so. But with proof of a no. of recent happenings, can a girl leave home without the thought that will she be safe out there today occurring even once in her mind? What is the reason? Lets questions ourselves once! Rather than remaining as a spectator for a tragedy happening in front of our eyes and then talking about it as a gossip; lets save the faith that a girl or anyone for that matter has in humanity and come to their help with all the might possible when they need help. Building a faith of safety in women and a carefree environment, this is what will empower women. This is what will help them reach great heights be it in field of technology or any other. Let's do our best in every bit towards this and then celebrate women's day rather than just with mere words!



## VISIONUVCE SAMMILANA'15 INVITE

**SAMMILANA** - as the name means is a meetup for good and in here it is a meeting of UVCE alumni and UVCE students who are hoping to be part of doing something for our loved campus. This is the second edition of the event and **VisionUVCE Team** is very glad that we are able to organize it again. This time it will be totally different and we are trying to make it as informal as possible.

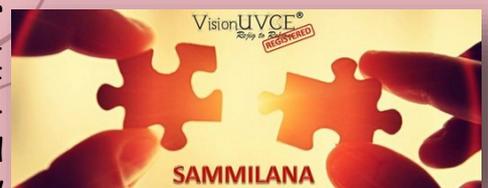
**Date: 25th April, 2014**

**Venue: UVCE, K R Circle, Bangalore**

**Time: 11 AM to 4 PM**

The takeaway from this event is the get together UVCE alumni from various batches under one arena, interaction of alumni with the faculty and current students of the college, to provide a platform for UVCEians to interact with the campus. Also do not to forget, the whole-hearted networking that one can do with their batch-mates, fellow UVCEians and current students to rekindle your memories of the wonderful college days. A great blend of fun and networking, past and present, memories and vision - all awaiting you.

We will announce more details here in this [FB event](#)



**EVERYONE IS INVITED!!**

## ALUMNI CORNER

VEENA PRASAD IS AN ALUMNUS OF THE 1998 COMPUTER SCIENCE BATCH. SHE IS A WRITER OF SHORT FICTION AND A MAKER OF CROSSWORD PUZZLES. SHE IS THE CO-AUTHOR OF 'FOREVER FORTY', A BOOK ON THE LIFE OF COL VASANTH V, ASHOKA CHAKRA. SHE IS ALSO THE SECOND PRIZE WINNER OF DECCAN HERALD'S SHORT STORY COMPETITION 2012 FOR THE STORY 'HEADHUNTED'.

**TEAM SAMPADA:** What inspired you to get into the engineering field against the regular notion during those days?

**VEENA:** Actually, the regular notion those days was that if you are good at studies and don't like Biology, then you do engineering, regardless of gender :) Especially in areas like Computer Science, where the gender ratio in classes was also pretty balanced. So what I did was just go with the flow. Inspiration came much later, when I decided to break away and write.

**TS:** What are the memories about your college days?

**V:** My most cherished memories include:

- Sitting on the library steps and chatting/preparing for exams/getting ragged! (Inside the library was also a great place to be - there are some really rare books in there that are of absolutely no use for passing exams, if you're interested in that sort of thing!)
- Traveling to IIT Madras for the inter-college fest (It was called Mardi Gras then)
- Waiting for a lecturer to arrive, and after 20 minutes decide he/she wasn't going to arrive and then head to Majestic/MG Road to catch a movie so as to not waste the day!
- Conducting the music quiz for our Milagro
- Getting my daily nourishment from Sudarshan Cafe (sadly doesn't exist now)
- Emerging from the inferno that is the ordeal of acquiring a demand draft from Mysore Bank to pay fees, and then discovering that college administration has left for the day.

**TS:** How has the position of a woman in the society changed over the years from being restricted to the house to leading companies today?

**V:** I guess women today are using pretty much the same skills as their female ancestors - organizing, managing, leading, mentoring - only, they used to be called planning meals, running the house on a budget, steering family members to the right path, and imparting wisdom to her children respectively. As you say, these were restricted to the house - but they are laudable and essential skills nonetheless - that are now done in a way that is more visible and better appreciated, and has certainly doubled the effort. However, a point to ponder - is money alone a reflection of one's worth?

**TS:** Now that you are in the creative literature world, what are your thoughts to the budding women engineers of our college?

**V:** I'm probably the last person who should be answering this, because I am not in the engineering field anymore, not even close to it, being happiest when doing creative work! That is not to say that engineering cannot be creative, but perhaps young graduates need to identify an area that they are passionate in, and not jump at the first job opportunity, only to find that they are stuck. While this applies to all regardless of gender, women in particular may find it easier to work out priorities and make sacrifices down the road only if the work is fulfilling enough.

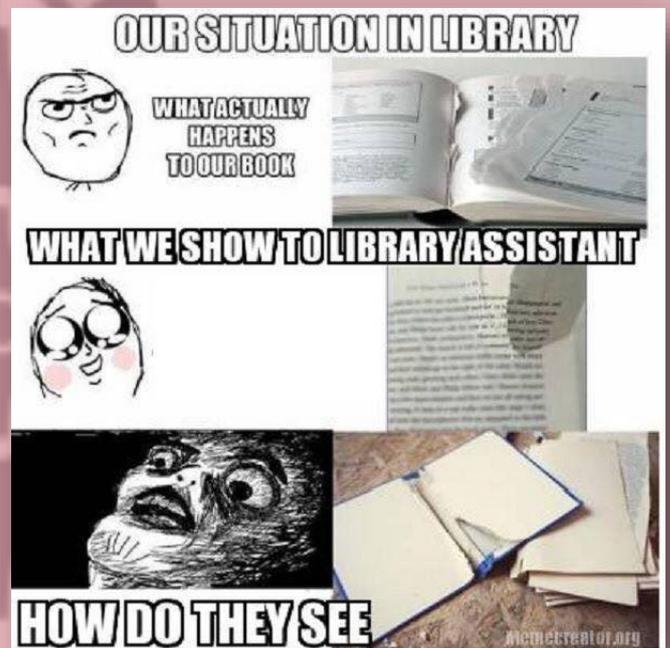


## TEACHERS DESK - SUJATHA B C



When I was an engineering student there were not many facilities, hardly any computers, less access to information, whereas now students are provided with all the facilities and Equipments needed. Engineering is more comfortable now than it was before. My parents were my source of inspiration to take up engineering. They believed that a woman should be independent. They insisted me to take up engineering and hence I did. I chose to be a teacher then, because I believed that it is a very convenient profession. It is sometimes hectic but yet passionate. I have been easily balancing my personal as well as professional life. I would like to suggest the female students to take up teaching as a profession as well, instead of jobs at the IT sector since it is a profession in which one would always feel young at heart and indeed it is a noble profession.

## HUMOR @ UVCE



## TEACHERS DESK - DR. THRIVENI J



During my time of engineering there were many restrictions put up on girls, be it studies or profession. The girls then were not that outgoing as of now. There were not many placements as such. But now the girls are bold enough to stand up for their rights and their parents do agree and support them. When I was studying, Compute Science branch was just introduced. C and COBAL were the only programming languages known. My dad was a civil engineer and he inspired me to take up engineering. Back then when I was in Pre- University College I was kind of interested in veterinary science but then I did not take that up. Teaching as a profession was not my first option. I had worked for quite some time in dell and freelancer as a software developer but then as my father believed that teaching was best suited for girls I took up teaching. Managing both personal and professional life is not that easy but my mother helps me out managing things and I have a very supportive husband. I believe in giving equal importance to both family and college. Only if it's needed I work overtime otherwise I prefer giving my family the time it deserves thus balancing both the tasks well. I suggest the women engineers not to neglect their family because of their work or the other way round. Justice should be done to both personal as well as professional life.

## ALUMNI CORNER

**SHASHIKALA IS AN ALUMNUS FROM 1978 ELECTRONICS BRANCH. SHE COMPLETED HER MASTERS FROM UVCE DURING 1996-98. CURRENTLY SHE IS SR. PRINCIPAL SCIENTIST, STRUCTURAL TECHNOLOGIES DIVISION, NATIONAL AEROSPACE LABORATORIES**

**TS:** What inspired you to get into the engineering field against the regular notion?

**SHASHIKALA:** At the time of my passing second PUC, My brother had completed his B. E from IISc, Bangalore. He motivated me to get into the engineering. Those days, parents were averse to the thought of sending girls to the engineering course. Though my father also was apprehensive about the fees, we convinced him since I was a National Merit Scholarship holder. The difficulty of finding grooms also was another point bothering my parents, but luckily they did not have to struggle since I chose my partner myself.

**TS:** What are the memories about your college days?

**S:** We were 32 in the beginning & after medical seats got announced, half the class left & we were only 17. I always had to do labs with the boys. Outside of the class we did not have much of interaction, since everyone was shy.

The college rooms were very spacious & airy. We, Electronics students, always had classes in the first floor. I still remember the clamour of feet on the two wooden stair cases that are located at the main entrance. We used to buy all stationery like the bluebooks, in the stores located near the entrance. There was a ladies room in place. All the girls used to meet there. We used to have classes from 7:30 AM & some days it used to be very hectic with 3 hour drawing class in the morning & 3 hours theory & three hours of work shop in the afternoon. The college library was quite well maintained & another meeting point. Many a semesters we ended up starting a new semester class on a Monday even though we finished our exams on a Friday. Thus we were always on our toes with assignments & tests following after 10 days.



Those days there were very few ladies, particularly in our seniors there used to be only one lady in Electronics & one in Electrical. Very rarely there were any in Mechanical & civil. But from our batch, the strength started increasing. We were two girls in the first two years & two more were transferred from Electrical in the third year. The college quadrangle was great with the two huge trees with fragrant flowers. For all group photos it used to be the back drop.

I graduated in 1978 & joined National Aerospace Laboratories in 1980 after a brief stint in a private firm & then with CPRI. There had been no problem any where & at no time, I have experienced gender bias. I have reached the post of Senior Principal Scientist. I will be retiring in July 2016. On the family front too I had good support from my husband who graduated from BMS as my batch mate & later on did Masters in IISc, Bangalore. My Mother in Law also supported well. Thanks to this, I went ahead & completed my Master's Degree from UVCE during 1996 - 98. Because of this, bringing up two boys became easy and both my sons are engineers from PESIT & are with reputed IT firms. To sum it up I should say I have had a satisfying career & also family life.

**TS:** What is your message to the budding women engineers of our college?

**S:** To have successful career as well as family one needs to balance the work & home judiciously. Both are important in a woman's life. For this one has to strive hard, adjust with many & make many compromises. The relationships are fragile. They have to be nurtured by giving proper weightage for all. At times one has to sacrifice something for the sake of some other thing. At the end of the day I felt it was worth the effort.

Updates from Project Vishisht are -

- Around 11-12 teams presented the idea last Saturday on 28th March
- First step of drafting the idea in a format & implementation has started.

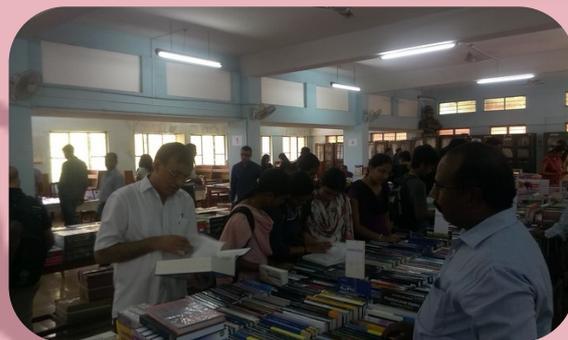
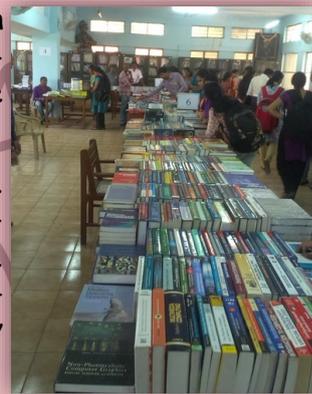
More Details can be found here in this [FB Event Page](#)



# ANNUAL BOOK EXHIBITION

A One Day Annual Book exhibition was held at our UVCE library on 10th March. It was a one day exhibition where various publishers were invited to display their collection of books. The books were mainly related to the subjects from various departments of Engineering.

Students were asked to collect reference books that they needed. The books selected by them will be included as a part of the library collection. 40 Lakh Rupees has been sanctioned by the college to buy these books. Principal, lecturers, and many students attended the exhibition. The exhibition was mainly conducted to promote the usage of good reference books by various authors for the benefit of students.



## TEACHERS DESK - DR. P DEEPA SHENOY

In my community I was amongst the first few engineers as everyone were into either medicine or banking. It was at my Pre- University Level that I decided to get into Engineering as I was always inclined at being different since early age. In my class there were only 30 girls out of the 100 students. We were never given an opportunity of extra-curricular activities in our time but today a lot of facilities, activities and opportunities are lined up for students in different fields where they get to learn as a volunteer, organizer and many other aspects. Also one noticeable change of the times is the student -teacher relationship that has changed completely. In our times, it remained as a strict relation; students used even fear to clarify doubts. But today, students and teachers have open friendly discussions; teachers provide students guidance not just in academics but also in making choices for life.



I believe that every Individual is identified by his/her profession; hence I feel that Career is equally important in everyone's and especially a woman's life for being independent. I was able to manage both personal and professional life thanks to the good support system I had developed, be it with my family or neighbors. As I teacher, I teach more than what the syllabus asks me to, to inspire the students especially the girls. I believe in a gender equality society, only then will a society thrive. One should always involve themselves in the work they do and believe that integrity is everything.



**Hope this edition met your expectations! We wish to keep this momentum going on! For our next edition we have planned to theme it on “Engineers and Sports”!**

**If any of you wish to contribute or put us in touch with an alumni from sports field, please mail us @ [sampada@visionuvce.in](mailto:sampada@visionuvce.in)**

## ALUMNI CORNER

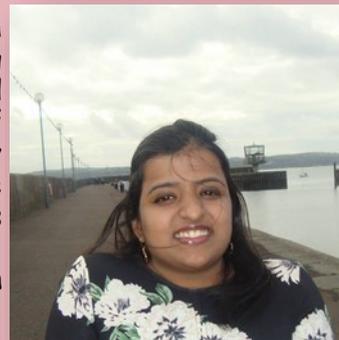
GOWRI RASTOGI IS ONE OF THE RECENT ALUMNI—2013 COMPUTER SCIENCE. SHE COMPLETED MASTERS IN INTERNATIONAL BUSINESS AND ENTREPRENEURSHIP FROM UNITED KINGDOM. NOW, SHE IS REMOTELY MANAGING THE FAMILY BUSINESS AS WELL AS WORKING AS A SOFTWARE DEVELOPER IN ANZ IT & OPERATIONS.

**TS:** What inspired you to get into the engineering field ?

**GOWRI:** As a child, computers and technology fascinated me a lot. The idea of developing something, to help solve a real life problem with the help of technology keeps me going inspired me to get into the engineering field.

**TS:** What are the memories about your college days?

**G:** The memories of the college days has been great over all. Though my engineering started with many difficulties by the end everything was very normal. Initially, when I entered college, I was nervous and confused whether I have taken up the right career choice for myself amidst so many difficulties. However the support I got from my friends and classmates was immense which I think helped me pursue engineering without any hiccups. The infrastructure of the college was the major hindrance which was my biggest challenge to accomplish rather than any, somehow I managed and completed my four years in Engineering.



Now after your Masters, when you look back, what do you reflect upon?

Pursuing my masters in International Business and Entrepreneurship in United kingdom gave me a complete new outlook of seeing life. It help me boost confidence and lead a life independently. The kind of comfort they provide in terms of accessibility, I just hope some day institutions in our country could also provide. Going to a foreign country all by self was a major decision that I had to take, but today after I have completed my Masters, I believe that decision was no wrong.

**TS:** As you are planning to manage the business and work on your venture independently, what are the things that you learnt during Engineering have come handy?

**G:** October, 2014 after I returned back to India pursuing my masters. I decided to grow my parent's business who have been working on it past 27years. I thought that the business should be prompted to grow further to the next level. Therefore, I came up with the idea of having e-commerce. My technical computer skills and entrepreneurial skills help me start the business. Today, I am remotely managing the business as well as working as a Software Developer in ANZ IT & Operations, Bangalore.

**TS:** What is your message to the budding women engineers of our college?

**G:** Capability is Gender Neutral! It is always recognized and rewarded sooner or later irrespective of gender. There is a huge demand for competent women engineers in our country and therefore there is a major role to play in capacity building and imparting high quality technical education to the women of our country.

## TEACHERS DESK - ARUNALATHA J S



There were girls studying engineering even during my time but the major difference was in the strength of girls. It was quite less then when compared to the present situation. I was not quite interested to take up engineering but since I found that it was a degree which was worth having, I chose this field. My father had highly supported my decision but my mother was not happy with it. Then I realized that I was interested in teaching and hence took up teaching as my profession and I am happy about it.

Managing household chores and teaching seemed like a petty struggle at the beginning but now it is all fine and I easily balance both well. No doubt that the girls today are confident but I would like to tell them to never lose hope and take decisions quite boldly about their field of interest and passion.

## ALUMNI CORNER

**LALITHA ANIL IS FROM 1982 BATCH, ELECTRICAL BRANCH. SHE IS THE CO FOUNDER & DIRECTOR, EKO VEHICLES PRIVATE LIMITED, BANGALORE, THE FIRST ELECTRIC TWO WHEELER COMPANY IN INDIA. SHE IS ALSO WELL-KNOWN CONSULTANT & ADVISOR FOR RENEWABLE ENERGY PROJECTS -ELECTRIC VEHICLE AND HYBRID PROJECTS.**

**TS:** What inspired you to get into the engineering field against the regular notion?

**LALITHA:** Frankly the choice to join Engineering was not mine but my Father's (Late)!

I had my mind blocked that Mathematics was not my cup of tea and was keen to join medicine! However within 6 months of joining the Electrical Engineering course these mindblocks disappeared and I was amazed as to how I could have thought that Mathematics was difficult. As I progressed into the next semesters it was pretty easy as every engineering subject has Mathematics as their applications and I started to think, eat and sleep Mathematics.

Unfortunately my father passed away when I was in my 8th sem and did not enjoy "his" success am ever indebted to his choice and owe my being an Engineer to him)

**TS:** What are the memories about your college days?

**L:** Memories of 5 years(10 semesters) in College are plenty. The beautiful campus and the wonderful friends and classmates made College most interesting. We were 12 girls in a class of about 80+ One of them left to become a doctor after her first year. There was a comfortable friendship which involved mutual encouragement as well as healthy competition.



The tension of studying every semester, the fruits of our results and then come again the next semester was like a wheel going round and round. Life was all about Labs and Blue Books, Drawings and T squares, Khaki Uniform and Fashion dresses, BTS buses and walking to Majestic, Morning shows, Eating out and Shopping. All this was an integral part of college and emerging from Teenage to Majors in this College which was fun. Drawing was a subject which truly was my interest and I used to be in awe of the multi dimensional possibilities in this subject. Attending classes was an integral and dedicated part of our activity and most of our learning happened here, with the best teaching and guidance that we had.

Our project trips only bonded us better with the class and these are some of the memories which I treasure the most. We involved ourselves in all spheres of activities in the College inspite of being novices in some of these like sports. We participated in some inter collegiate competitions too. Train of thoughts can go on but I'm sure everyone of my classmates will agree with me, that our confidence, intellect and personalities were built at UVCE which helped us when our careers began with industry. The only regret I have is that I did not learn beyond the curriculum and use the Library well enough to gain knowledge from the vast books that were at our disposal.

Many of our class mates have been very successful and have reached heights of Corporate success, Entrepreneurship, Teaching, Government Officials etc. But when we meet today at the rare Alumni meets we feel the same energy as we had during 1977-1982 sharing our experiences and recalling the times at UVCE.

**TS:** What is your message to the budding women engineers of our college?

**L:** Today after more than 3 decades, there is a sea change in not only the engineering curriculum but in the perception of society, Industry, and the whole world at large towards Women in Engineering. Its not just a Mans world anymore!

My first message to young Girls would be to choose Engineering for growth in career, personality as well as Society. The perception that engineering is difficult should be removed with adequate counselling. Today engineering applies to any sphere of life be it IT, Telecom, Auto, electronics right upto Environment. Be wise to know your calling and then choose the subject. Once you have chosen, go all out to acquire and study the subject as there is no limit to information in todays World Wide Web.

My second message is -Entrepreneurship by women is proving to be very Beneficial due to the inherent Multi Tasking capabilities of Women. Having this as a goal after you gain adequate experience will be very fulfilling.

My third message is use technology for fun, de stressing etc, BUT do not allow technology to overtake your God given Intellect and thinking.

## CAMPUS SAYS



Women are underrepresented in the field of engineering and in a country like India, spending on a woman's education is considered to be foolishness! The status of women is considered to be in and around 4 walls, amidst children and a burning stove! By encouraging women in engineering we wash away the old myth of women staying at home!

Women have a lot of capacity in the field of technology! Let's not forget the lady who sacrificed her life discovering radioactivity, Madam Marie Currie. Let's not forget other names like Rosalind Franklin, Kalpana Chawla, Sunitha Williams! You can name a hundred more!

A very few women opt for engineering, not realizing their true potential! Women are known for their multitasking skills, by allowing and encouraging them to enter engineering we not only improve technology but also economy and status of a nation.

So let's join hands for a better and lovely nation!

-Suhas Chethan, 2nd Semester ECE

"Science and women don't blend together" is a phrase that's become more obsolete, Of late women have proved themselves!

From people like Madam Curie to the very young blood of Marissa Meyer, women have gone neck and neck with men and fought their battles despite restrictions and limitations. The contributions of Women in Engineering have been diverse and vast.

It's woeful that as a profession women are often not encouraged in engineering fields but women who persist are able to overcome these difficulties enabling them to find rewarding experiences. It's amazing how women balance their domestic chores with their professional one's. Though they aren't the lime light of the society they work towards nation's growth and hats off to those men who respect them and encourage women's liberation.

-Melissa Glennis lobo 2<sup>nd</sup> Semester ECE



Today we can't imagine any field without women. Traditionally, Indian women were shielded away from engineering and related technical stuff. However, recent trends suggest more and more women participating in the growing technology sector. She has contributed to diverse fields of engineering in modern times. She plays a vital role in both academic and professional field of engineering. Today India is at its height in engineering industries. This is due to lot of contributions from women, we have legendary veterans like Kiran Majumdar, Sudha Murthy and lot more gems who are examples of this. Today there is a need to encourage women to drive into technical field. We need to empower them so that the technical field will be flourished and will reach greater heights.

"PROSPERITY OF THE COUNTRY IS REFLECTED BY PROSPERITY OF THE WOMEN"

-Amith YS, 2<sup>nd</sup> Sem ECE

Improvement of technology is very important to develop our country. Men alone cannot achieve it. We should make women to join hands so that we get enough man power to achieve it. We can also say that's one of the reasons why other countries like China and Japan are more technically advanced than us. They are encouraging women and attracting more and more number of women towards technical fields. Women are technically very good; they can definitely bring some different ideas and can create a new mile stone in the field of engineering. So it's very important to have many women in engineering field to bring up our nation.



Mohan Kumar, 2<sup>nd</sup> Semester ECE

# WIE IEEE UVCE

Women In Engineering is one of the major part in IEEE UVCE. There are a number of ex-com members who work under WIE IEEE UVCE. WIE IEEE UVCE conducts many different activities in order to encourage every women engineer and the main purpose is to work on enhancing the interest of girls in technology.

On 11th of March, a Self Defense workshop was conducted by WIE IEEE UVCE. This workshop was mainly concentrated on how to train the girl students in certain anti-social situations. The Trainers were Mr. Ranjan Mullaratt, who serves as a master in Gurukulam, Bangalore, Mr.Sudharshan Sampath and Mr.Prakash Kumar . Dr. Deepa Shenoy Ma'am, our Branch Counselor welcomed the trainers and also all the PhD students who attended the workshop. Around 60 girls from various branches took part in the workshop. The workshop was initiated with warm up's and continued with basic kicks and punches followed with all the queries of students. The workshop went on well and effective. At the end of the session, the trainers showed the attacks and how to be defended.



STAR(Student Teacher and Research Engineer Program) is a aegis under WIE for the purpose of addressing the growing concern that, at a young age, girls are discouraged from careers in mathematics, science, and engineering. On the day of KAGADA'14, held on November 14th 2014, WIE IEEE UVCE along with STAR conducted an hands on workshop about the basics of using a computer for the students from Government High School, Chikkapet, Bangalore. The students were taught with the help of a basic software which teaches of how the keys can be used. Mr. Vignesh from UVCE played a key role in teaching students. All the students enjoyed the workshop as well as the small games and also the chart presentation. At the end, the students were gifted with goodies.

WIE IEEE UVCE also provides a special category for the KAGADA paper presentation as WIE Paper Presentation; the criterion being that half of the authors of the paper must be women and the presenter must be a women. The major goal of this was to encourage women in the field of research. Every women has equal intellectual capacity as that of a men and WIE IEEE UVCE make every women engineer realize it. And also bring an interest of technology in them.

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# ALUMNI CORNER

**SHUBHA CHANAPPA IS FROM 1993 ELECTRONICS BATCH. SHE COMPLETED HER MS DEGREE IN COMPUTER SCIENCE FROM WAYNE STATE UNIVERSITY. CURRENTLY SHE IS WORKING AS ENGINEERING GROUP MANAGER, GENERAL MOTORS**

**TS:** What inspired you to get into the engineering field against the regular notion?

**SHUBHA:** Engineering is a field which has applications in multiple areas and disciplines. At the time, of my joining engineering, my family wanted me to study medicine. I was more intrigued at the way the human brain learnt from the human body and was able to create machines and devices that help the mankind. Being an engineer you can work in any field from Defense, Transportation, Telecom, Medicine, Management, etc. I pursued engineering knowing that it would be a good stepping stone for any other career I want to pursue later.

**TS:** What are the memories about your college days?

**S:** We all used to gripe about the old building our college was housed in but we enjoyed the very unconventional setup we had - every moment. The canteen, the library and also the huge shady trees under which lots of arguments, fights, jokes and combined study took place; all still fresh in the memory. I still remember getting scared to walk to the 7:30 am chemistry lab from the main entrance - we had to pass thro' the long corridors of empty classrooms. Practicing for the UVCE annual fests is another unforgettable experience.



**TS:** How has the position of a woman in the society changed over the years from being restricted to the house to leading companies today?

**S:** Women have been leading companies, countries and kingdoms from time immemorial. But NOW is actually a very exciting time for women; with many of the leading industries putting women in their top most positions; many women continuing to stay in the work force after having kids and women pursuing higher education and aspiring for roles with authority and responsibility. The capability and the EDGE a woman brings into the workforce has helped this trend which has resulted in women friendly policies at workplace, diversity initiatives and changes in the family and support system.

The woman is a major contributor and a decision maker both at work and at home and has become a new force to contend with. The result can be seen in the independent and confident younger generation who have grown up having working mothers. These mothers have become great role models for their kids. In the Indian context, there is approval and expectation for a woman to work as a second source of income but the society is still conservative in accepting a "woman manager" which is probably the biggest challenge that we have to overcome. The burden of balancing family and work still majorly falls on the woman; we see a more balanced work share between the spouses only in the cities. But this is a work in progress and is a global challenge for which both men and women need to work together.

**TS:** What is your message to the budding women engineers of our college?

**S:** All engineers and especially the girl students have to ensure they are hands on, understand and apply the theories rather than memorize the formula and the theorems - volunteer for projects, DIY kits, etc. spend more time experimenting and researching. There are a lot of opportunities available in various disciplines - so plan your career when you are in college. Be disciplined & take one step at a time. Consider every experience as a learning opportunity.

For girls, be ready to work hard. Even though the industry is women friendly when you actually start climbing the corporate ladder, you are expected to work twice as much as your male counterparts to get the same recognition. Understand the Ecosystem and Adapt accordingly. Wishing you all the best for your futures!!



UVCEans ,whenever you see an article about UVCE in the newspapers it would mainly cater to placements, strikes,etc. But on Mar 15th edition of Deccan Herald, first sports article has been published. We are less than 20 days away from this sporting extravaganza.

<http://goo.gl/rDqa2h>

## TEACHERS DESK - DR. MANJULA S H



During the time of my engineering, the branches like Civil, Electrical already existed but the Computer Science branch was being newly introduced to the engineering field and I belonged to the second batch. My father and brother both were engineers who had graduated from UVCE itself and thus were my source of inspiration to take up engineering. Speaking about taking up a teaching profession, there were not many opportunities, no well-established industries to take up job at the public sector and hence I chose to be a teacher by profession and I am really happy about this choice of mine. Managing both my personal and professional life was challenging at the beginning but now it's all good and well managed. I give equal importance to my house as well as college.

The message that I would like to give to the women students is to always be good to the society; to be patient and acquire all the knowledge and maintain a good balance in life.

## ALUMNI CORNER

**MALINI H V IS FROM 1982, ELECTRICAL BRANCH. SHE IS PRESENTLY SERVING AS EXECUTIVE ENGINEER , KPTCL**

It is nice to go back to our college days and revisit those memories. I joined UVCE for Electrical Engineering in 1975, passed out in 1982. I was interested in Maths, Physics & other analytical subjects. I think that was what made me enter Engineering.

In our class there were about 75 students out of which 10 were girls. We were about 20 girls for the entire college, including all the Departments. The staff of the college always treated us nicely ,they were protective etc. We enjoyed the prominence given to us in the college. The librarian used to keep the books aside for us for borrowing. We were good in academics and at the same time enjoyed a lot in the free time. We were very close to each other and we used to help out the weak students through combined studies etc.

I think my father is the inspiration for me in my life. He treated me at par with my brothers. He provided me with equal opportunities in studies and in every walk of life.

As students we get all the facilities. But once we are married, we will have dual responsibility of working at home (taking care of children and etc.) and working at office/ company. In spite of all this we should make it a point to never miss any opportunity in our career. The men in our society should be gender sensitized to treat the ladies with respect, give equal opportunities to ladies in family life as well as at work.

I wish the current students of UVCE, both boys and girls a very bright future ahead.

## TEACHERS DESK - CHAMPA H N

There is a major difference if I compare my days of engineering with those of the present. The strength of girls taking up engineering was very less then, but now majority of the girls take up engineering. There were very less facilities available then for us, but now all the basic facilities right from books to computers are provided to students and that has made engineering more comfortable now. My father was a professor in one of the engineering colleges and so he inspired me to take up engineering. Talking about teaching as a profession, it was again my father who inspired me to do so since he himself was a professor. Managing both personal and professional life cannot be that easy but still I cope and balance both really well. I would like to tell all the budding women engineers out here that no matter what profession they take up, they should always give equal importance to both their professional as well as personal life.



# A CELEBRITY AMONG US

**Dr.(Mrs.) Pushpa Dravid M.S, GD., Arts, Ph.D(Artist)**

**Professor (Retd), Dept of Architecture, UVCE**

Amongst the many illustrious teachers at UVCE, one name stands out for the sheer amount of creative output. This is a name that is more known in another arena - namely cricket, but the name of Dr.(Mrs.) PUSHPA DRAVID is more associated with Art and Painting than simply a Professor at the Department of Architecture at the Jnana Bharathi Campus. To put it mildly, her career and achievements can surprise you not just by their size and magnitude but more so due to their content and quality. We can present to you only a small traction of the achievements of who is obviously an extremely talented and gifted artist.

Her education was a chequered one starting with being the first student to achieve M.A (drawing and painting) G.D. in Fine Arts in 1966, from the Vikram Univeristy, Ujjain. She then took up her DIR Kannada- Bangalore University 1972. She later achieved the singular honou of having been the first artist to get a PhD degree in the state of Karnataka. Her ongoing research Project Work in progress is on Prof. Nicholas Roerich and his Himalayan Paintings which is a study sponsored by ICHR Delhi.

She has a wide professional experience including being member of board of studies at the faculty of Fine Arts of the Indore and Bangalore Universities. She has participated in many National and International Seminars and Symposia. She has also participated in many Artist camps held throughout the country. She has to her credit had many solo exhibitions in various parts of India from 1972 onwards. She has also been a participant in many group shows. It is indeed a reflection on her talent and ability that she has been sought after by so many admirers of art. She specializes in canvas paintings but has even dabbled with murals, paintings on mirrors, art work and creative design.

She has been felicitated and awarded so many times that we can only mention a few. She was awarded by the State Lalit Kala Academy and the All India Dasara exhibition for many years. She has to her credit multiple awards from the All India Kalidas Chitrakala exhibition, as well as the All India Chitrakala exhibition. She has participated in the Republic Day celebration Tableau competition at New Delhi for 2 years on behalf of state of Madhya Pradesh. She has been recently commissioned by Karnataka State Lalit Kala Academy to copy murals at Shravanbelagola. She is also a life member of the Karnataka Chitrakala Parishat. She also received an award for distinguished services in the field of Fine Arts during International Womens Day Celebrations by Snehadhara, Bangalore in 1993. Her work has been sought after by many institutions and individuals both in India and abroad. Her collections exist at many museums and galleries where they occupy a pride of place as a representative work of contemporary Indian Art.

We are indeed both proud and happy to note that inspite of all her hectic work and creative output, she remains dedicated to her teaching and is a proud bulwark of this institution - a rare combination of creative genius with a teachers mind. A combination that is as rare to find in today's commercial world - UVCE is proud to have had a teacher of that level.

*(From Chiranthana College Magazine, 2002)*

**FIRST  
LADY  
GRADUATES  
FROM  
UVCE**



**H.N. Uma**  
First Lady Graduate  
(Electrical-1966)



**Mallini Srinivasan**  
First Lady Graduate  
(Mechanical -1966)

# ALUMNI CORNER

UMA REDDY IS FROM 1984 ELECTRICAL BATCH. CURRENTLY SHE IS THE MANAGING DIRECTOR @ HITECH MAGNETICS & ELECTRONICS PVT LTD. SHE IS ALSO THE CHAIRPERSON, ESDM CLUSTER OF CLIK & PAST PRESIDENT, CLIK - CONSORTIUM OF ELECTRONIC INDUSTRIES OF KARNATAKA. SHE HAS RECEIVED THE RAJYOTSAVA AWARD IN 2005 FOR HER CONTRIBUTION TO SOCIETY.

**TS:** What inspired you to get into the engineering field against the regular notion?

**UMA:** 3 decades ago, there was not much of choice. It was either engineering or medicine as a career option. And I chose engineering and was offered electrical and I took it. There was no google to explore. Asked a few family members and with my parents encouragement I opted for the technical course, I did. The other option was to do my BSc or BA & join a bank or take up teaching I preferred Engineering. UVCE is a well respected institution and was proud to join.

**TS:** What are the memories about your college days?

**U:** When our batch stepped into college, the senior boys were more surprised than we were. Till then UVCE had only about 10 - 15 girls in the entire college and suddenly we were 40 girls out of 106 students in one electrical engineering class itself. We were also the last batch in the 5 year semester scheme and all focus at that point of time was on the new batch of annual 4 year scheme.

When we wrote the first exam, it was a big dream and a big step. Then we just got used to it. It was a board exam every 6 months and in between it was results. Time just flew between working for exams and awaiting results. We had a good gang of friends. The best I have from all the institutions that I studied. We keep in touch and we meet, as often as we can. All my friends are doing very well and when some of them who are abroad, visit Bangalore, we definitely meet up. In fact on the sidelines of the last UVCE reconnect, we had 45 of our classmates get together.



**TS:** How has the position of a woman in the society changed over the years from being restricted to the house to leading companies today?

**U:** Personally, I started my business, while I was at college in UVCE, Electrical - M/S Hitech Magnetics, a SSI, manufacturing Transformers, coils and electronic sub assemblies for MNCs & PSUs. A first generation entrepreneur, I began my career, while in my final year of college designing Printed Circuit Boards. After graduating in 1985, I had a choice of joining Kirloskar Systems, but having had a taste of entrepreneurship, I continued in the same field. There has definitely be a great shift for women in leadership roles and it is quite evident in the banking sector etc. The no. of women entrepreneurs has increased, but it could do better. The present statistics is that 12% of the MSMEs are women owned, vis a vis a 10% of the same, 30 years ago. You see more and more women joining the economic fold and managing the various roles that they play. There is definitely a vibrancy in the environment, but there is a need for more support systems for women to make forays and look at higher growth.

**TS:** What is your message to the budding women engineers of our college?

**U:** Present colleges have more young ladies. The commitment of young girls has led them to be toppers in studies and with the present environment of 'Make in India' the support to start up's in the new budget, the tools available to support industry and the huge knowledge available with IOT etc, I strongly feel that women should take up entrepreneurship as a career option.

Work, gain experience and with the passion, commitment and creativity, that we women are known for, your enterprise will surely soar and your career will carve a trajectory of success.



## SAMPADA TEAM:

Chitra S Reddy (6th Sem ECE), Meghashree G (6th Sem ISE),  
Anees Fathima(6th Sem CSE), Yashaswi Nayak (6th Sem ISE),  
Vishal K (4th Sem ECE), Shaina Rachelle Noronha (2nd Sem ISE),  
Swaroop E (8th Sem ISE), Nagadarshini Narayana,  
Satish A G and SriHarsha D V (VisionUVCE Team)