From the Editors...

COLLEGE OF ENGINEERING (AUTONOMOUS)

Technical education has been rapidly expanding in terms of quantity although the same cannot be said of its quality. Both the students and faculty are facing stress and the system has been tottering due to the lack of infrastructure and governmental timely help. The words of Einstein "The human spirit must prevail over technology" may be the inspiration for the young minds to generate more realistic and thought provoking ideas and communicate through various means of communication to bring desired change in the materialistic societies. The complete and irreversible divorce of humanistic values from education has led to an anarchic situation in which none is safe. The world has been facing problems such as corruption, terrorism, immigration, unemployment etc. It's the duty of the new era professionals to develop imagination and empathy in harmony with technical excellence. Unless the profit motive is checked education and research cannot develop in India. What the country needs is not a diagnosis of the malady but practical treatment which involves eco concerns. India needs not only demonetization but also humanization or spiritual thinking. Tolstoy in his story, "How much land does man need?" , lays bare the result of an insatiable greed. We need to check our numbers as well as our luxuries sans which neither the earth nor the rest of the planets can give what we demand. We need a meaningful life rather than mercenary values which emphasize merely skills in cynical certainty. It's time for us to have checked our direction, speed and real intentions. Instead of justifying snuffing out life of the fellow humans other creatures on the ground of inevitability, all need to pause for the noble ideals of freedom and equality through character- building education.

As Jasper Fforde, a British Novelist says, "Books may look like nothing more than words on a page, but they are actually an infinitely complex imaginotransference technology that translates odd, inky squiggles into pictures inside your head." The Annual Revista (A lei aroma from gvpians) 2016-17 presents creative pieces - poems, stories, sketches and critical articles on various social, political, economic, cultural, historical, and technological issues of deep significance for contemplation and implementation. GVPCE (A) which has got reaccreditation in this academic year has been moving ahead in providing academic career and placements for the budding engineers, the builders of an Indomitable India as the former president Abdul Kalam visualized.

Disclaimer : **The opinions expressed by the authors are their own and do not necessarily reflect those of the college or editorial board.**

FAVOUR AND FEAR

Favour, favour, fear, fear
Is something common to the tears,
Favours cause tears and fears too cause tears.

People love to do favours,
And every favour has a flavour,
The flavour outwards is an inward fear.

When people do favours,
Favours are expected in return,
For life is funny, we give and get back favour

People do things out of fear,
Fear of fellow humans is the cause of favour
Those souls win who neither favour nor fear

Kavirayani Srikanth,
Asst. Professor, Dept. of EEE, GVPCE(A)
(Poem inspired by the national anticorruption strategy-Fear not, favour not)

LOVE

Your smile is brighter than a million stars in the sky

It's a fact i can't deny

I wake up with your smile on my mind

To me you are so perfect and kind

My dreams are filled with you

I wish that my dreams come true

I always love to hear what you say

Just talking to you makes my day

I love to hear your sweet voice

Though it makes a loud noise

Just remember

I will be with you forever

We could always be together

Ch. Leela Yaswanth
ECE-2, 3rd year; 14131A04A1

Life

Many people come into our lives
Many people leave us
Many people help us
Many people criticize us
Many people try to correct us
Many people try to harm us
Many people feel jealous of us
Many people make us proud
Many people make us to feel bad
Many people teach us how to live
Only a few of them will live for us
Really to all in their lives need
Four members to lift them and
Share their feeling in life

Mr.B.Mahalakahsmi Naidu,
Asst. Professor
Dept. Civil Engg.

TENSION- THE CULPRIT

Tension Tension Tension
My Papa's tension for export order completion
My Mama's tension for child's education
My tension for my examination
People's tension for choosing a politician
Artist's tension for selection
Teacher's tension for notebook correction
Principal's tension for students' participation
Nation's tension for world's recognition
This tension tensions the tension

EXAMS- THE TERROR

Even the exams are fright
Don't sit up and study all night
Just make your daily schedule tight
Without your brains fight
Study with all your might
Exams will be terribly light

Ch. Mukunda Manasa, I B. Tech., ECE-1

Scientist can discover a new star but he cannot make one. He would have to ask an engineer to do it for him -Gordon Lindsay glegg

BUTTER"FLY"

Some people are like Caterpillars.
Some people are like Butterflies.
People who are insecure
People who are scared of their flaws
Are the Caterpillars.
People who are positive
Who believe anything can happen
As long as you try
Are the butterflies.
The good thing about a caterpillar is that,
It can always turn into a
beautiful butterfly, into a person
Who is able to accept challenges,
Shaky at first, But with more
confidence will fly high.
Little butterfly …fly …fly away…fly high…
pushing back all hidden fears.

K. HARIKA- ECE-2
141310498

THE MASK

Every day go through their daily motions
Waiting it out for measly promotions
Distant stares and silent prayers
Monday to Friday …say goodbye

Our oceans are slicked with oil spills
Our water says full of toxic waste that kills
We build our cities on mountains of pollution
Without an environment solution

We live our lives in search of wealth
In the process damage our good health
Crime stories are found on every newspaper page
People losing control in an uncertain age

Trends are patterned and patterns trended
But man's damage must be ended!

- P.ANUSHA, ECE-3(14131A04H5)

JOKE

A PERFECT SON

Father : I have the perfect son

Neighbour : Does he drink?

Father : No, he does not

Neighbour : Koes he ever come home late?

Father : No he does not

Neighbour : I guess you really have a perfect son .

How old is he?

Father : He will be six months old next Monday.

ELUSIVELY FADED

In all the sixty-eight seasons,
Never a term like this has passed.

During the vernal equinox,
A preaurical sensation of air,
She felt a lively presence,
Experiencing a forelsket.

Made the heart skip a beat.
The adrenaline rush down the spine,
Brought an urge for questing,
Introrsed in his thoughts.

But suddenly time froze,
Abruptly seizing everything back,
Whelmed with the braid.
Made her pushy.

Though belonged to the present,
Her presence was counted to serial monogamy.
When she recalled, her life was meant to be
A grand isonian servant of a household.

The intensity was deadly, suaded.
Then came back into her obscured world,
Indifferent from any squaw.
The number of seasons grew,
So did the equinox pass again.

But there remained,
A cold day in July,
When the hell froze over,
With died essorancy.

Prathyusha Vedula **Chemical I B. Tech.**

SMILE

She is one among them I ever wish to see smile
never know why she came close to my heart.
That moment I saw that beautiful smile
my agony bid me adieu and fell apart.

What can I say about that child's smile
when someone asks me why I liked it?
My heart's filled with endless joy seeing that smile
It is so pure like her, nothing can dilute it.

So calm and pleasant is that girl's smile
as cool and nice as the full moon glow.
So dominant and attractive is her smile
pulled me with it to her world like a river flow.

Finding tough to stick to the word 'SMILE'
but want to extend my poem another mile.
My heart rejoiced seeing one great smile.
The world is huge, hope such smiles lie in pile.

What if we capture all such lovely smiles?
and store them as a smile signature in a single file.
How nice if we often see in our life those smiles?
To bear an eternal smile on our face once in a while.

Isn't His(god's) greatest boon to human, the SMILE?
For which we, for our whole life, are in debt.
Which jewel matches in brilliance with a smile?
Undoubtedly, the most valuable and costliest gift it is.

Once carefully look into a baby's smile.
You realize you can't buy it, even so wealthy.
So, whenever we see a human, let us smile.
May be this way, we can repay the Almighty.

Put my sincere efforts to describe THE SMILE
Starved for apt words that explains the best.
My vocabulary falls short to compare the smile.
Not a poet, myself, an amateur just.

Lakshman kumar, EEE, 3rd year

MOTHER

You were my first word ever spoken,
The one who's always there,
To me your love is the ultimate token,
Next to you, other mother's don't compare.

The way you're always there for me,
No matter what I've done,
That letters named you,
To me is the only one.

You pick me up when I fall,
While wanting nothing in return,
Always answer when I call,
Your love, I never had to earn.

You taught me right from wrong,
Showed me good from bad,
Loved me all along,
You're the best friend I've ever had.

For me, You've always came through,
I mean what more can I say,
Words can't describe how much I love you,
Thanks Mom, You've made me what I am today.

Wherever I go, whenever I want
I close my eyes and I can see
Your arms ….
Still open wide for me

Love you Mom
Always and Forever

K. Sri Harika
14131A0492

Crave For Music

It begins as a noise in the background
Keeping steady beat as it makes its round
It can be found at any time of day
It's so simple, just push play

It can make me forget all of my pain
It brings out the sun when I can only see the rain
It takes me to another place
Higher than the sky and far away from the space

It has the power, to help and to heal,
It's truly amazing, how it makes us feel.
It brings us hope, and a positive mind.
Motivates us, to be friendly and kind.

It travels all around my body
Now I can say it's living right through me
I know there are people who think the same way
Because they know music lives in us every day...!!!

P.Neha Vimal Ratna
Mechanical - III, 16131A03G0

Gaining education means gaining heavens

Education is the ray of life, live it.
Education is a sport, play it.
Education is a boat, row it.
Education is a sketch, draw it.
Education is a book, read it.
Education is a race, attempt it.
Education is a coat, wear it.
Education is a god, worship it.
Education is a paper, write on it.
Education is a puzzle, solve it.
Education is a festival, celebrate it.
Education is a candle, light it.
Education is a dream, think it.
Education is a plant, grow it.
Education is a money, earn it.
"Without education life is there,
but in hell."

Pavan kalyan kanchipati
16131AO270, EEE-2

Follow Your Heart

The victims of greed are getting younger
In a world that still allows their hunger
Our petty problems make us hang down our heads
While millions go unfed
Desire upholds the lights of our day
But we cannot give into the subtle decay
We must raise above the haze descending
Toward mass action mending
We must take control of our action today
Or the children of tomorrow will be the ones to pay
The new innkeepers shall soon take charge
Of the next generation voyage at last

P.SRUTHIKA
ECE-3(14131A04H3)

MOTORCYCLE – BIG BOYS' TOY

A sixties sight always I like to see
Those super bikes parked side by side
While bikers packed inside the Rolling Wheels
The assemble of everybody's ride
Here Triumph, Harley, Aprillia, BMW,
And Ducati, Yamaha and Kawasaki
Were names that made mouths water in their day
All oily, smoky, proper big boys' toys
That could hear roar from half a mile away
And when they pass you'd even sense the noise
And grab your flying jacket, join the play
Now all you see bikers 'born again '
Who drive a Lambo Huracan in the rain.

BY – MOHAMMED IRFAN KHAN
16131A03E5, MECHANICAL -3

NEVER GIVE UP YOUR "SHE"

"She" has the sun in her eyes and I revolve around her

"She" has the kind of light that could light up my gruesome day

"She" has the smile, the whole world stops and stares for awhile

"She" has the smirk, the world around flips

"She" is a wraith silver disc hanging in the lonely sky

"She" knows everything, I dreamt of and I believe that

"She" is not a human (not an alien too)

"She" is "hope", the feeling that could let me to do the things in my life.

L. Gopala Sai Krishna,
14131A04A2, ECE2.

BUTTERFLY

The Butterffly Is a thing to Behold
With Colours More Beautiful Than Gold
Going Flower To Flower

Sasi Kiran, 16131AO3C1, Mechanical 3

THE NIGHTFALL

In the evening when I go to the beach,
The insects begin to screech.
People walking with their dogs,
Mosquitoes gathering at bogs.

Splashing of waves on rocks,
The sounds of frogs – their croaks.
Birds returning to their nests so high,
Shivering as the chill breeze passed by.

The wind turns cold,
And the ice creams are sold.
The beauty of sunset each day,
Reminds me that another day has ended today.

Prafulla Kumari Chintakayala
16131A04H6, ECE – 3

జీవితం ఓ మధురానుభూతి

ప్రకృతి పులకరింతలలో
పక్షుల కేరింతలలో
హేమంత ఋతువుల ఊయలలో
విరబూసిన వెన్నెల రాత్రులలో
వెదజల్లిన చంద్రుని కాంతులలో
వికసించిన కలువుల కౌగిలిలో
పవళించిన ప్రశాంత సమయంలో
నది పంపులలో
మది మలుపులలో
యద వలపులలో
కలమబ్బుల సవ్వడిలో
కురిసిన చిరుజల్లులలో
పురివిప్పిన ప్రవాహ పరవళ్లే
పరితపించిన ప్రాయమును
చడిచప్పుడై చల్లగా , మెల్లగా తాకంగ
కలిగిన మధురానుభూతి
జీవితమనే సంద్రంలో
కలిగిన అనుభూతుల మందు తక్కువని
గంభీర కంధంతో
ఘీంకార నాధంతో చెప్పాలనేది
ఆ ఢమరుకనాధుని మదిలో మెదిలిన
మౌనపు వాంఛ.

సంక్రాంతి

ఆకాశ పందిళ్లు
భూలోక సందండ్లు
పచ్చని తోరణాలు
వెచ్చని చలిమంటలు
తెచ్చిన గిలిగింతలు
మురిపించే ముగ్గులు
ఊరించే వంటలు
సంగీత సరదాలు
సరిపడు సోయగాలు
పిల్లల ఆగడాలు
ఊరేగు ఉత్సవాలు
చెలరేగు ఆతరలు
కదిలోచ్చే బంధువులు
అందరి అనుబంధాలు
అందని ఆప్యాయతలు
కలగలసి కనువిందు చేసే
కలల పండగ సంక్రాంతి
సంక్రాంతి శుభాకాంక్షలు

వై. సాయి కిషోర్
14131ఎ02ఎ2
ఈఈఈ - 2

दर्देदिल

न जाने तेरे ख्वाबों में कैसे डूबा
न जाने तेरे ख्वाबों में कैसे डूबा
पलक झपकते ही मैं टूटा

जिन्दा हूँ
अभी भी जिन्दा हूँ
बस तेरे लिए अन्दर से मुर्दा हूँ

दिल नहीं इच्छा बदलती हैं
किसमत नहीं तू बदलती हैं
जैसा आईना वैसा ही तेरा बेवफा

किनारे पर बैठा तो
लेहरों ने कहा
जितनी गहराई इस सागर की
उतनी दर्द इन आखों की

कुनाल दास
मेकानिकल - १

ANGELIC EVIL

HE was a person someone magic!
My love for him was never logical,
The time i spent with him was, festival,
I wanted to win his love though the world was my rival,
The love I had for him remains immortal,
His angelic smile was like the feast of a carnival,
Talking with him wasn't occasional,
My wish to be with him was eternal,
Later the story spun like a spiral,
Every instance with him felt paranormal,
All those magical moments felt like betrayal,
Life had shown me his true psyche as clear as a crystal,
All that is left to describe is that he is my EVIL.

K.AMRUTHA TEENA
14131A0481, ECE-2.

A MORNING

It welcomes all the smiles
which come from miles!
It wakes us up with a coffee
which tastes no less than a toffee!
It raises an expectation of going to a better day
in the best way!
It explains that every day is a treasure
which is to be accepted with pleasure!!
All you need is a brighter smile to start this day
And let happiness stay!!

G.Sailusha EEE 1 (15131A0234)

COLLEGE OF ENGINEERING (AUTONOMOUS)

ISRO- A perceptive

B. Sukanya; 14131F0005

"Nurture your mind with great thoughts. To believe in the heroic makes heroes"(Benjamin Dissraeli) India's space agency ISRO will launching a record 104 satellites at one go on a single rocket in the first week of February is a major feat not attempted by any country. ISRO successfully launched the 714 kg Cartosat-2 Series Satellite along with 104 co-passenger satellites On (February 15, 2017) from Satish Dhawan Space Centre SHAR, Sriharikota. This is the thirty eighth consecutive successful mission of PSLV. The total weight of all the 104 satellites carried on-board PSLV-C37 was 1378 kg.

PSLV-C37 lifted off at 9:28 am IST, as planned, from the First Launch Pad. After a flight of 16 minutes 48 seconds, the satellites achieved a polar Sun Synchronous Orbit of 506 km inclined at an angle of 97.46 degree to the equator (very close to the intended orbit) and in the succeeding 12 minutes, all the 104 satellites successfully separated from the PSLV fourth stage in a predetermined sequence beginning with Cartosat-2 series satellite, followed by INS-1 and INS-2. The total number of Indian satellites launched by PSLV now stands at 46.

After separation, the two solar arrays of Cartosat-2 series satellite were deployed automatically and ISRO's Telemetry, Tracking and Command Network (ISTRAC) at Bangalore took over the control of the satellite. In the coming days, the satellite will be brought to its final operational configuration following which it will begin to provide remote sensing services using its panchromatic (black and white) and multispectral (colour) cameras. Of the 103 co-passenger satellites carried by PSLV-C37, two – ISRO Nano Satellite-1 (INS-1) weighing 8.4 kg and INS-2 weighing 9.7 kg – are technology demonstration satellites from India.

The launch Is a major feat in country's space history as no exercise on this scale has been attempted before. Last year, ISRO launched record 20 satellites at one go. The highest number of satellites launched in a single mission is 37, a record that Russia set in 2014. The US space agency NASA launched 29.

The South Asian satellite will be a part of GSAT-9 Prime Minister Narendra Modi's pet South Asian satellite project, meanwhile, will take off in March.

"This remarkable feat by ISRO is yet another proud moment for our space scientific community and the nation. India salutes our scientists Said Narendra Modi.This is a proud moment for Indian Government. This was the first step to open doors for Indian Space Business, in future it will be more successful to lunch more satellites to become make India **"ONE"** in the space business.

*Universities ought to teach students how to live their lives. But this is difficult. So we teach Mechanical Engineering with the hope that it somehow helps them learn how to live their lives - **Prof.F.Udwadia***

CAN SIBLINGS CONFLICT EVER END?

(INDIA - PAKISTAN)

After a violent partitioning from **BRITISH INDIA** to **INDIA** and **PAKISTAN**, both countries have faced many conflicts. The Indo-Pak relations are grounded in the political, geographical and cultural aspects of both the countries. India and Pakistan fought three wars in 1965, 1971 and 1999 .Their relationship is mainly influenced by the Kashmir conflict and several military conflicts arose between them. Who is benefited of these conflicts? Who keeps this pot boiling?

The seeds of these conflicts were sown during independence when both countries were migrating a huge populations of Muslims from India and Sikhs from Pakistan . And the emigration process didn't go as peaceful as expected. And at the time of independence we had several kingdoms which were brought together by our home minister Sardar Vallabhabhai Patel. But Kashmir was declared as independent for several reasons. Both countries claimed that Kashmir belonged to them. Some part of Kashmir was occupied by Pakistan called POK and rest was merged in Indian Territory. This became the main reason for conflict. And the other partition issues like water, junagagh issue and East Pakistan liberation also fuelled the already burning conflicts. Whenever we find terrorist attacks in India the roots are found in Pakistan. Indian government claimed that, the Mumbai attack in 26 November 2008, 2001 parliament and all major terrorist attacks were planned in Pakistan. And the militant camps are being organized in POK which is known to the Pakistan army and even they are supporting these camps. India has accused some of the most wanted Indian fugitives, such as Dawood Ibrahim of having a presence in Pakistan. On 11 May 2011, India released a list of 50 "Most Wanted Fugitives" hiding in Pakistan.

The political stands in the two countries are entirely different. Though Pakistan is a democratic country, Security and major foreign issues are under military control. As the policy making regarding the Kashmir issue differed in the government tenure, lack of united front to deal Kashmir issue with Pakistan and the monotony of the Pakistan military and questionable control of the Pakistan government over its military powers are the major hindrances for establishing peace process between these two countries.

Indian government filed a case about Kashmir issue in UNO. And the case still in lurch. Now as the burning issue about Kashmir is the main reason for conflicts between two nations, this leads to the poor development of the Kashmir state, unemployment and poverty in the region. Who is responsible for this? In some people opinion the Kashmir issue could've been solved in the early process of independence. Indian government used military force against the kingdoms that denied to unite into Indian Territory. But they did not use that in Kashmir. If they had followed the same policy then we might not have these problems.

Possible solutions:

During the decade of 1960 and 1970s, India's international position among developed and developing countries faded in the course of wars with China and Pakistan disputes with other countries in South Asia. The conflicts led to three wars with Pakistan which affected economic growth of both countries and human loss. Though these all create a certain bitter past between the two great countries but still here is hope since the prime minister of India has visited to Pakistan and president of Pakistan have visited India and many conferences have been going on. There is a necessity of resolving the conflict, as well as considering potential solutions. The united nation played minor role in resolving the conflict. The United Nations must take more proactive role in resolving the Kashmir conflict. Both nations should keep peacekeeping troops in the border to stop militant moves. The two nations should agree to INDEPENDENT KASHMIR. The United Nations PLEBISITE should be done again and take actions according to the results. Establish a UN transitional government to develop infrastructure in Kashmir. It may take a long time to improve cordial relations between the two countries but it is not impossible.

PAVAN MOKKAPATI, 14131F0030; MCA III YEAR

It is contrary to the usual practice of professional men to give their opinions upon each other's work unless regularly called upon in the way of their profession — John Smeaton

Beauty of English language in a verdict.

Mindboggling. : Supplement to the Judgment on Sasikala. By Justice Amitava Roy.

This short, seven-page supplement is a glorious explosion of adjectives and alliteration that might almost put Justice Dipak Misra to shame. Over the course of it, Justice Roy calls out how deeply corruption permeates our society and why it is truly dangerous. He ends the supplement calling for every citizen to be a partner in the mission to "free the civil order" from the "sprawling evil" that is corruption.

The supplement is worth reading in full, but here are some choice excerpts:

"A growing impression in contemporary existence seems to acknowledge the all pervading pestilent presence of corruption almost in every walk of life, as if to rest reconciled to the octopoid stranglehold of this malaise with helpless awe. The common day experiences indeed do introduce one with unfailing regularity, the variegated cancerous concoctions of corruption with fearless impunity gnawing into the frame and fabric of the nation's essential. Emboldened by the lucrative yields of such malignant materialism, the perpetrators of this malady have tightened their noose on the societal psyche. Individual and collective pursuits with curative interventions at all levels are thus indispensable to deliver the civil order from the asphyxiating snare of this escalating venality. Innovative nuances of evidential inadequacies, processual infirmities and interpretational subtleties, artfully advanced in defence, otherwise intangible and inconsequential, ought to be conscientiously cast aside with moral maturity and singular sensitivity to uphold the statutory sanctity, lest the coveted cause of justice is a causality. This pernicious menace stemming from moral debasement of the culpables, apart from destroying the sinews of the nation's structural and moral set-up, forges an unfair advantage of the dishonest over the principled, widening as well the divide between the haves and have nots. Such is the militant dominance of this sprawling evil, that majority of the sensible, rational and discreet constituents of the society imbued with moral values and groomed with disciplinal ethos find themselves in minority, besides estranged and resigned by practical compulsions and are left dejected and disillusioned."

Courtesy – Prof. Dr. Rao Tatavarti, SIRC

COLLEGE OF ENGINEERING (AUTONOMOUS)

COZMO- The New Face of Artificial Intelligence

"A year spent in artificial intelligence is enough to make one believe in God."
-Alan Perlis.

Did you ever wonder whether you can have a WALL-E in your home? (Please don't tell me that you did not watch that film!). If you did, the answer is a big yes! Say hello to COZMO - a robot with emotions.

COZMO was developed by Anki, a company that was founded by Boris Sofman, Mark Palatucci, and Hanns Tappeiner, who met in the robotics Ph.D. program at Carnegie Mellon University. Cozmo was released on October 17, 2016.

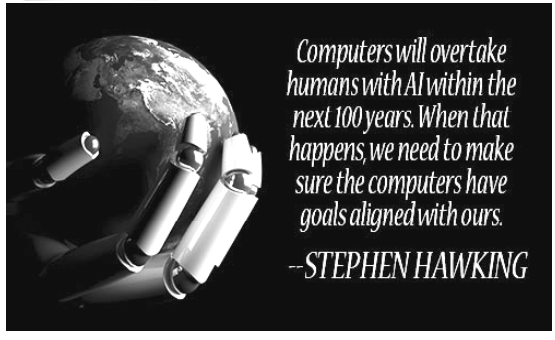
This little guy has a mind of his own. He's a real-life robot like the one we've only seen in movies with a personality that develops the more we hang out with him. The powerful technology developed by Anki lets him survey the world, explore it, and make decisions based on his mood. Cozmo learns many more interactions based on his observations from his surroundings.

There are many wonderful things Cozmo can do. He constantly nudges people to play with him. And like pets and young children, Cozmo learns by interacting with the world. Whether in free-form play or in games with defined rules, Cozmo becomes smarter as you spend time playing with him. Anki developed a game called Speed Tap. It has blocks that light up in a variety of colors, and whenever both blocks are illuminated in the same color (except for red), the first person or robot to tap their cube wins a point. Cozmo plays this game with anyone who is interested. Cozmo plays to win. His emotions are projected on a little screen which can he thought of as his face. It's as expressive as a cartoon character's face, conveying an impressive range of emotions. And you know what, Cozmo even sleeps! You can hear him snoring when he does so. He would never fall off the edges of tables. He recognizes faces in the family. Think of him as a puppy that has a personality, but his relationship differs from every member of the family.

Controlling Cozmo is also easier than you think. Cozmo comes with an inbuilt ability to connect to android and apple smart phones. Anki released an app that when installed on phones, gives complete control over Cozmo's actions and behavior. Anki has also released a Software Development Kit for developers out there. Each command in the SDK gives rise to thousands of lines of code that trigger emotions in this little guy If anyone is interested in his price, Cozmo is priced at US$ 179.95(approx. 12,206 INR).

Cozmo is thus much more than a robot that plays games. But the games alone are worth serious consideration. The end consumer has all the freedom to program Cozmo at his will. Cozmo never fails to keep you surprised with his cute emotions and funny antics. Well then, are you ready to bring home your new robotic pet?

M.Anuraag Chandra,
14131A04A7, ECE - 2

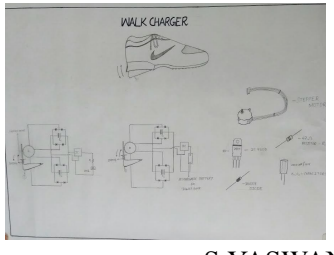


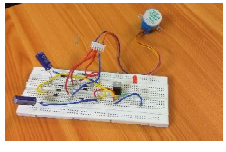
COLLEGE OF ENGINEERING (AUTONOMOUS)

Walk Charger

Have you never thought of saving energy while you are walking? Bit confused! Come on; let's go to our project which saves electrical energy on a casual walk. In this mechanism, the unused mechanical energy is converted into useful electrical energy.

Now let's see how it works. The stem or shaft which is situated down the heel is pressed by force. On making every step on floor, the shaft goes in and comes out with the help of small spring. This shaft rotates the stepper motor due to induction, the current is produced. The current that is produced passes through capacitor, resistor, diodes, integrated circuit which have their respective operations. The current which is produced can be stored in power bank (small sized) or any rechargeable battery. The circuit which is shown is well elaborated can be minimized using nanotechnology. It's about using not saving!





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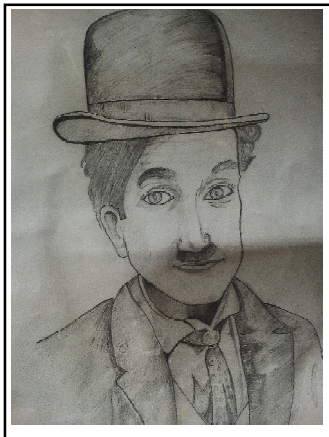

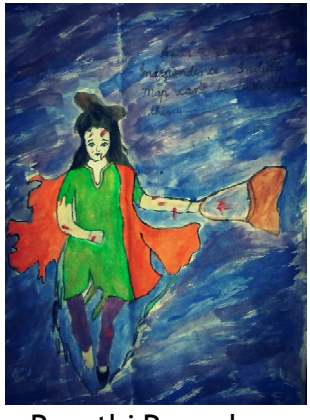

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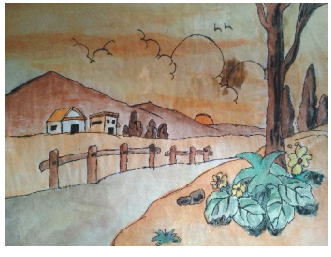


Student Ashists

No one wants to learn by mistakes, but we cannot learn enough from successes to go beyond the state of the art
— Henry Petroski

Albert Einstein: The Man and Anecdotes

Albert Einstein (1879–1955) was a superb German-American theoretical physicist, philosopher, and passionate humanitarian. He was born in Ulm (Germany) on March 14, 1879.

He worked with Alfred Kleiner (1849–1916), the Professor of Experimental Physics and his Ph.D. advisor, and completed his dissertation entitled ***A New Determination of Molecular Dimensions*** on April 30, 1905, for which, he received his Ph.D. from the University of Zurich. In his earlier research articles, Einstein attempted to establish the physical reality of atoms and molecules. In 1905, at the age of 26, he published four ground-breaking research articles on **Brownian motion** (Robert Brown, 1773–1858), the **special theory of relativity**, **photo-electricity**, and **the equivalence of matter and energy**, which later brought him to the attention of the world scientific community.

In 1933, Einstein was compelled to emigrate from Germany to the United States of America due to the rise of Nazism under the new chancellor, Adolf Hitler, who imposed unacceptable restrictions on Jews (14 Nobel Laureates and 26 of the 60 professors of physics were forced to flee Germany and the neighbouring countries). Einstein did not return to Germany, but accepted a position at the Princeton Institute of Advanced Study, where he spent the rest of his life.

A few months before the start of World War II in Europe, Einstein, Edward Teller (1908–2003), Eugene Wigner (1902–1995), the Hungarian physicist Leo Szilard (1898–1964), and others felt that it was their responsibility to alert Americans to the possibility that German scientists might build the atom bomb first and that Hitler would be willing to use such a weapon.

Initially, the President of the United States, Franklin Delano Roosevelt (1882–1945), did not assign this problem much importance, but he changed his mind rather quickly. The United States entered the arms race, and the secret **Manhattan Project** that drew immense material, financial, and scientific resources was born. The outcome of this project was that the United States became the only country to successfully develop the atom bomb during World War II.

Einstein lived in the USA for only about 15 years after he became a US citizen in 1940. On April 17, 1955, he experienced internal bleeding due to an abdominal aortic aneurysm, which had been reinforced surgically by Dr. Rudolph Nissen (1896-1981) in 1948. At the time, he was preparing a speech for a television appearance commemorating Israel's 7th anniversary.

He took the draft of his speech along with him to the hospital, but he did not live long enough to complete it. He refused further surgery, saying **". . . It is tasteless to prolong life artificially. I have done my share, it is time to go. I will do it elegantly".**

Early in the morning on April 18, at the age of 76, he breathed his last at Princeton Hospital. The following three quotations are due to him: "So far as the theories of mathematics are about reality, they are not certain; so far as they are certain, they are not about reality"; "Do not worry about your difficulties in mathematics, I assure you that mine are greater", and "Teaching should be such that what is offered is perceived as a valuable gift and not as a hard duty".

The following **anecdotes about Einstein**, who was named the **person of the century by Time magazine in 1999**, have been recounted for decades and are both interesting and revealing:

One day during a lecture tour, Einstein's driver, who often sat at the back of the lecture hall during his talks, remarked that he could possibly give the talk himself, having heard it so many times. At the next stop on the tour, Einstein and the

driver switched places, with Einstein sitting at the back in his driver's uniform.

Having delivered a flawless talk, the driver was asked a difficult question by a member of the audience. "Well, the answer to the question is quite simple", he casually replied. "I bet my driver, sitting up at the back there, could answer it!"

Einstein's wife often suggested that he dress more professionally when he headed off to work. "Why should I?" he would invariably argue. "Everyone knows me there." When the time came for Einstein to attend his first major conference, she begged him to dress up a bit. "Why should I?" said Einstein. "No one knows me there!"

Einstein was often asked to explain the general theory of relativity. "Put your hand on a hot stove for a minute, and it seems like an hour", he once declared. "Sit with a pretty girl for an hour, and it seems like a minute. That's relativity!"

During an address at the Sorbonne in Paris, Einstein said, "If my theory of relativity is proven successful, Germany will claim me as a German and France will declare that I am a citizen of the world. Should my theory prove untrue, France will say that I am a German and Germany will declare that I am a Jew".

When Einstein was working at Princeton, one day he was going back home and he forgot his address. The driver of the cab did not recognize him. Einstein asked the driver if he knew Einstein's home. The driver said "Who does not know Einstein's address? Everyone in Princeton knows. Do you want to meet him?" Einstein replied "I am Einstein. I forgot my home address, can you take me there?" The driver took him to his home and did not even collect the fare.

Einstein was once travelling from Princeton on a train when the conductor came down the aisle, punching the tickets of every passenger. When he came to Einstein, Einstein reached in his vest pocket. He couldn't find his ticket, so he reached in his trouser pockets. It wasn't there, so he looked in his briefcase but couldn't find it. Then he looked in the seat beside him. He still couldn't find it.

The conductor said, "Dr. Einstein, I know who you are. We all know who you are. I'm sure you bought a ticket. Don't worry about it". Einstein nodded appreciatively.

The conductor continued down the aisle punching tickets. As he was ready to move to the next car, he turned around and saw the great physicist down on his hands and knees looking under his seat for his ticket.

The conductor rushed back and said, "Dr. Einstein, Dr. Einstein, don't worry, I know who you are. No problem. You don't need a ticket. I'm sure you bought one". Einstein looked at him and said, "Young man, I too, know who I am. What I don't know is where I'm going".

When Erwin Schrodinger (1887-1961) introduced the **probabilistic concepts into Quantum Theory**, Einstein was dismayed and made the famous remark **"God does not play dice with the World"**

Dr. Syamal K. Sen
Director, LIAS & Prof. Dept. of CSE

The life work of the engineer consists in the systematic application of natural forces and the systematic development of natural resources in the service of man. — Harry Walter (H.W.) Tyler

Why I Like Engineering Mechanics

Prof. D. Varada Raju, Department of Mechanical Engineering

I have been teaching this subject for more than 35 years, and the most frequently asked question I have been hearing all these years consistently from students, colleagues, parents and managements –in other words, all stakeholders– is, "Why not remove EM from the curriculum?" In fact even a very senior academic once said, "You are wasting the students' time because you are not teaching them anything more than what they learn in their Intermediate Physics". My humble question to him was, "Sir, if that be the case, why is it that even the best student, on entering engineering education is unable to solve the horse and cart puzzled, but almost every student at the end of the course in EM has at least a vague idea of free body diagrams?"

But there is more to this topic than meets the eye. The famous mathematician G. Polya wrote in the preface to his book (1944),"*How to solve it- A new aspect of mathematical method*"

> **"A great discovery solves a great problem but there is a grain of discovery in the solution of ANY problem. Your problem may be modest; but if it challenges your curiosity and brings into play your inventive faculties, and if you solve it by your own means you may experience the tension and enjoy the triumph of discovery. Such experiences at a susceptible age may create a taste for mental work and leave their imprint on mind and character for a lifetime."**

The above paragraph eloquently answers the question, "Why include Engineering Mechanics in the first year and that too, for all branches including Computer Science and Information Technology?" In my opinion the course trains the student in the essential skills imparted by engineering education: converting the given physical problem into a mathematical model; solving the mathematical model using all available techniques and tools; and finally, interpreting the results in terms of the original physical problem.

Many other spin-offs also exist:

- Identifying what is given, what is required to be found, and what is the method of attack
- The pleasure of seeing how mathematics can be used for practical applications(eg. Using differentiation for minimizing the force in a member)
- Optimising the solution ;
- Verifying the results against our common sense(and quite often, improving our common sense!)

- Checking the results against simple experiments, if necessary
- Putting the student in direct contact with world class textbooks like those by Timoshenko &Young, Beer & Johnston, etc.

The famous author Mark Twain was once travelling by train and a co-passenger said, "Sir, I have read your *Adventures of Tom Sawyer* any number of times. I am a reasonably rich man, but I am willing to give up all my property to anyone who can make me forget that book." This was no compliment by any standards and suppressing his anger, Mark Twain asked, "Why is that so, Sir?" and that man replied, "So that I can have the pleasure of reading it *again*."

I too wish that someone makes me forget all the problems in *Engineering Mechanics* by Timoshenko &Young 3rd edition, so that I can have the pleasure of solving all those problems again afresh. I hope and wish and pray that all students derive the same amount of pleasure that I have been deriving all these years studying Engineering Mechanics.

The renowned philosopher Will Durant wrote in his *Pleasures of Philosophy* that a person's character is shaped by three factors – heredity, environment, and will power. I opine that passionately teaching Engineering Mechanics to the first year student-of any branch of engineering- will provide the proper environment and orient him or her towards excellence. And what greater satisfaction can a teacher derive than seeing his/her students take on their four-year journey in all seriousness and with a sense of purpose?

As an afterthought, I feel this article could have been better titled: "Why *I Love* Engineering Mechanics"

*** Horse and cart puzzle is this:**

- **The horse pulls on the cart with a force F**
- **According to Newton's third law of motion, the cart pulls back on the horse with an equal and opposite force F'**
- **Since F and F' are equal, opposite and collinear, they cancel out each other and so the net force is zero**
- **Hence the cart should not move**
- **But the cart moves**
- **This Is the Puzzle**

Interesting Facts about Computer & the Internet

Computers have become a very important part of our daily life. This awesome machine changed our lives in so many ways. There are lots of interesting facts about computer that I thought you would be interested in. That's why I've listed some of them that you can checkout.

The first electronic computer ENIAC weighed more than 27 tons and took up 1800 square feet.

- More than 5000 new computer viruses are released every month An average person normally blinks 20 times a minute, but when using a computer he/she blinks only 7 times a minute.
- The first ever hard disk drive was made in 1979, and could hold only 5MB of data.
- The first microprocessor created by Intel was the 4004. It was designed for a calculator, and at that time nobody imagined where it would lead.
- The first domain name ever registered was Symbolics.com. And until the 14th of September, 1995, domain registration was free.
- Every minute, 10 hours of videos are uploaded on YouTube.
- There are approximately 1,319,872,109 people using the Internet.
- Mosaic was the first popular web browser which was Interface Manager.
- This is crazy! The computer mouse as we know it today was invented and developed by Douglas Engelbart, with the assistance of Bill English, during the 1960s and was patented on November 17,1970.
- A group of 12 engineers designed IBM PC and they were called as "he Dirty Dozen".
- The original name of Windows was Interface Manager. Cebookcebook
- CAPTCHA is mostly used to distinguish computer from human. CAPTCHA stands for "Completely Automated Public Turning best to tell Computers and Humans Apart"

The uses of computers today are endless, with different types of computers being used for different sectors. It is good to see how the world of computers is getting better than ever. Surfing the internet can be an interest for people. But people need to use it properly. If not, it becomes internet addiction. Internet addiction harm is bigger than "TV addiction". Indeed internet addiction can become "a mental illness" if unguarded.

A.L. SOWMYA, 15131F0001, MCA, II Year

COLLEGE OF ENGINEERING (AUTONOMOUS)

Students! Are you ready to face the world?

In your life, you already went through some phases. Every transition between phases had challenges. Some of you managed smoothly and some of you in a hard way.

I am referring to

1. Joining your first school to passing school final exam
2. Joining junior college and passing the exam
3. Preparing for all those entrance tests and finally joining this college

In all the above your parents were also your partners in facing the challenges. I am not referring to only the financial support. They spent equal time with you in studying and supporting. Gradually their direct involvement kept reducing and need for financial support started increasing. Cracking exams and getting high scores became single objective in your life. Involvement and support of your tutors became the paramount in your life.

You did well so far and joined this college. This is great! What next?

You may take up a job in a good organization or go for higher studies and research or become an entrepreneur. In this pursuit you may land anywhere on the globe. So how do you prepare?

1. You have to be strong in fundamentals so that you can adapt well to the ever changing scenario. You should not forget the topics once the exams are over.
2. You have to continually follow the trends and changes through reading and update yourself. You should not rely on one prescribed text book or tutors' instructions. Real life problems do not have a structure and choice as you find in your exams.
3. Onus is on you to go and get the clarifications from anyone be it seniors, teachers, friends or internet. You don't have your parents or tutors to support and spoon feed you.
4. English is the common language. You should be able to communicate verbally and in writing using grammatically correct simple sentences. It is not as difficult as it appears but needs practice
5. Mostly you will be involved in team work. You need to actively participate and voice your opinion when required. In this aspect silence is not gold. Agreeing with anything and everything is neither obedience nor desirable.
6. You will be working with cross culture teams. Outside our culture when you give a commitment they believe you will honour that. If you have difficulties in fulfilling they expect you to give sufficiently advance indication. Take whatever you can chew. You do not lose your importance by taking a realistic goal. That does not mean that you should take slack and easy goals. You are expected to take a realistic goal which can be achieved by running extra mile. On every subsequent occasion, you are expected to raise the bar.

There is no single rule or guide book to address all the challenges and prepare you. The above points will certainly help you in most of the scenarios. Your faculty and seniors can help you in preparing in that direction. Again, it is up to you to assess your preparedness and seek appropriate guidance.

Wish you all the best!

Prof. Jonnalagadda Madan Mohan, Dept. of CSE

The scientist discovers a new type of material or energy and the engineer discovers a new use for it. — Gordon Lindsay Glegg

LEADERSHIP

Everyone wishes to become a leader. But, when it comes , what makes a person a better leader. we need to understand various aspects starting with (i) Who is a leader? (ii) What makes an effective leader? (iii) What are the qualities of leadership? (iv) How can a person be a good leader?

To understand the subject, we need to start with the definition of a leader, A leader is defined as that person who creates an inspiring vision of the future and motivates and inspires people to engage with that vision. Some people just do not stop at the leader's post. They aspire to become an effective leader. To achieve that, one has to possess a passion for a cause that is larger than they are. Someone with a dream and a vision that will better society, or at least, some portion of it.

Some of the bouncy youngsters are even looking for the qualities of leader a to achieve it. Many leadership qualities are transferrable across industries. Emotional intelligence, resourcefulness and flexibility, for example, enable people in positions of authority to help employees complete initiatives and meet business goals, whether in business, government or education. To become a good leader, one has to have various traits like honesty, communication, confidence, commitment, positive attitude, creativity, intuition and inspiration etc. Earlier generation leaders like Vivekananda, Abdul Kalam etc., had these traits and stood as role models for the next generation. All the budding students should imbibe the qualities of these leaders and steer the country towards a positive side.

CHEERS TO FUTURE LEADERS

VALLURI MAHALAKSHMI NAIDU

HOIA FOREST

K. Lokesh; 16135A0418 - ECE-2

Hoia -Baciu Forest lies west of the city of Cluj-Napoca in the Transylvania region of Romania (Europe). The area is popular among researchers from all corners due to its unusually high amount of strange phenomena. Although the forest itself is a mere 1 square mile (3 square kilo meters) in area, it nevertheless has a long history as a cursed and forsaken place, and also boasts a full spectrum of weirdness including ghosts, apparitions, spectral entities, disembodied voices, mysterious disappears, unexplained physical effects on visitors. This has earned the area the nickname of "The Bermuda Triangle of Transylvania."

MOBILE WALLET TECHNOLOGY
(For mobile payments in retail market)

Mobile payments have been quickly evolving, with more recognizable brands stepping into the industry to advance technology and offer what consumers and businesses want in terms of apps and services that allow them to pay with their phones. The concept of mobile wallet is growing and gaining traction in the retail market. The mobile wallet is generally an alternative way of making payments which otherwise is done by giving cash, check, or by debit/credit cards.

Working of mobile payments:

The Short Message Service (SMS) was used to interchange text messages to make payments. You're shopping at a store that has mobile payment readers at the register. Rather than reach for your wallet, you take out your phone and hold it a few inches away from the point-of-sale (POS) terminal. This device then automatically reads the payment information stored on the smart chip embedded in your card and then processes the transaction. Each chip connects to an antenna, and POS terminals emit a high frequency radio wave that facilitates communication between the reader and the phone. When the mobile device is in range, a wireless communication protocol links the terminal and the phone, which exchange information and conduct a secure transaction. All of this occurs in a fraction of a second.

Another mobile payment model is using an online platform or a cloud system for making purchases. When consumers arrive at the stage of payment, a branded check out screen, which consists of credit/ debit details and shipping information without having to enter data each time a transaction, is made. Similarly, for smart phone users there is Google wallet providing users a facility to store everything that one normally does in an actual wallet like coupons, vouchers, airline boarding passes, loyalty cards, and credit/debit cards. Integrating with such platforms, apparel retailers can provide better facilities to smart phone users, drive sales, and boost customer loyalty.

Source: www.99u.com

Ch. BHARATH; ECE – I; 15131A0437

Negative shade of Journalism: Yellow Journalism

The vital aim of journalism is to report news and to make people aware and to keep them updated about the happenings in the surroundings and real world. Everything which is good has a negative shade, so does journalism which is YELLOW JOURNALISM. Yellow Journalism is a transfigured division of Journalism that goes in contradiction of the key principles of reporting as an unbiased and objective tool for conveying the news.

Suppose, there was big fire. To an Indian journalist, it's a story that needs to be added with superlatives and touching use of adjectives and expressions. They just want to make everything sensational. India has become target to this poison. In an attempt to increase their TRP, they resort to these tactics .Sometimes yellow journalism had a very bad impact and stood as the main reasons for war between different countries. We can see yellow journalism through various examples.

Dating back yellow journalism at heights was seen in the 1890s, as a competition between two New York newspapers. These newspapers were: Joseph Pulitzer's New York World and William Randolph Hearst's New York Journal. These newspapers, competing against each other for more sales, included fake stories, twisted facts, sensationalism, colourful comics, and eye-catching headlines to get people to buy more papers. Publishing false facts can have consequences even if it is not intentionally done. The Spanish-American War is widely referred to as the first "media-driven" war ("Yellow Journalism").

Latest technology hasn't changed the basic principles of yellow journalism. Todays 'yellow journalism' drives traffic to the news site. It can undoubtedly be argued that tabloid magazines are a part of an entire genre dedicated to yellow journalism. Just the front cover alone contains many similarities to the front pages of newspapers from the 1890s.

There were and still are several reasons for news organizations to take part in yellow journalism. One of the key reasons for it, which is usually seen, is that it benefits the organization keep up with the competition. If you think about it, that was how yellow journalism began. Fast forward to today, and news organizations are still competing against each other, as they always will be. In any business market, there is competition. As stated previously, technology has expanded competition, and has also led to various other methods for its existence. This has led to an overall distrust of the media from the public. It appears that some news organizations will do whatever it takes to get the most readers to their stories. There is an old media saying that, "whatever bleeds, leads." In this case, it bleeds yellow.

B AVADANI PRASANTH; 13131A0208; EEE-1

COLLEGE OF ENGINEERING
(AUTONOMOUS)

NEVER SAY DIE

At some point of time or the other, we must have felt let down as if we can never achieve success or accomplish our goals. failures or below satisfactory performances deter all of less. Phases of distress and depression trouble us and we would have been more hardworking, intelligent, and creative and so on. But you have the courage to stand up to defeat, spot your opportunity and turn defeat to victory.

The problem lies in our attitude towards the various situations which demand the best from us. Before any important occasion, we tend to have a dreary dream of not being well-prepared and we become pessimistic. The solution lies in adopting a positive outlook. Instead of the usual tirade of "I won't be able to do this" or " I can't do that at all" we should remember that-"Nothing is impossible for a willing heart". Our mantra should be "yes, i can". Do not let yourself believe that any task is beyond you or any position is too high. You will agree that one who tirelessly strives for success with that attitude hits his aim sometime or later. Failure is not fatal; it can verily be the stepping stone to success if you can put failure to work with you. The ability to profit from it contributes to lasting success, if you can put failure to work for you. Making a mistake is not a crime but repeating one is. Everybody fails at some point xtract the lesson to be learnt from the failure and try again with redoubled vigor

Motivation is a key factor which moulds our outlook. A little bit of motivation goes a long way in inspiring us. Pep talks fire our imagination and we blast into action. Being a self start again makes the difference among those who did and those who could have. Throughout history there have been two categories of people those who were self made and those who were made by others.

Those who have excuses like adverse conditions do not know that "tough times do not last long but tough people do". Remembering that "failures are the pillars of success" we should get over any phase of depression and believing in ourselves, our abilities and our strength to withstand adversities. We should strive towards our final destination. Success depends to a great extent to what you do with your ideas, talents or gifts. It is not what you have, but what is done about it that spells the difference between success and failure.

When you want success you must be ready to pay the price which includes braving failures and setbacks and persisting till the goal is won. Achieving success demands total efforts . One has to resist temptations and distractions. if you want to get there badly enough , nothing can stop you. Our greatest glory is not in ever falling, but in rising every time we fall . Courage is victory and confidence spells success. Be bold and dare to do. So friends, get up, start and learn to NEVER SAY DIE.

SWAMY SHEKAR NAIDU, 12131A0842,
Chemical Engineering

"All Birds find shelter during a rain. But Eagle avoids rain by flying above the Clouds." - A.P.J Abdul Kalam

SOCIAL CHALLENGES THAT WOMEN ARE FACING

INDIA, a beautiful country and famous all over the world for its unique culture and traditions. The culture and traditions of our country are marked and considered as ancient and great all over the world .We perform lot of poojas and rituals to various female Goddesses, but we cannot find a single woman who's not facing the social problems in one form or other.

Although we are a powerful nation accepted worldwide for being the largest democracy, most of the women in our country are still in dark. Taking birth as women has become a big curse. Right from the day she is born a girl has to face many social challenges at each and every walk of life. They generally face problems like female infanticide, gender discrimination, illiteracy, malnutrition, harassment at workplace, dowry, domestic violence and many more.

These problems are more evident in lives of women belonging to below poverty level. In those communities girl child is treated as a burden till today and given less priority to their needs and interests compared to those of the opposite gender of the same family.

Though the 33% reservation for women is in force in every Government service, it is not considered in the Parliament which forms a major part of the Government. Even though she is successful in her career by completing her education facing lot of struggles, she has to face a huge psychological harassment at work.

Thanks to the Prime Minister for his initiative "*Beti Bachao , Beti Padhao"* which helps women face the social challenges bravely.

BY- SVR Sravana Lakshmi, 14131A04L0, ECE4,3rd year

NO COMEBACKS

Its Monday morning, you were standing by the pole waiting for a bus, the same as mine
Its Tuesday morning, I was about to miss the buss, and then you grabbed me aboard, thanks for that.
Its Wednesday morning, a missing ear ring, you smile at me, a little funny chat, then hand my lost ear ring, the one I dropped. How silly of me!!!
Its Thursday morning we had coffee, and a little talk, an adventure to catch a running bus, i split my coffee on you, sorry for that.
Its Friday morning, rainy damp morning, I have an umbrella you are almost wet, I offer you shelter which you happily take.
Its Saturday morning, you come walking to me, hand me a dozen white roses, I stick my head in it, smell the romantic aroma and then you go away handing me a note.

THANKS FOR EVERYTHING

Its Monday again, spent the whole Sunday thinking about you. You never appear...
Oh never again.
A week passed. Daily paper headline. Young man 23 years old died of chronic disease surprisingly happy!!!
I didn't understand the irony tears rolled. "Last week I spent was worth living. If I die during the surgery I'll die happily. If not i'll ask her out."
The her was not specified but it was clear to me.
That day I got a letter in my mail. It was from you, Apologized for not telling me about the disease, Didn't want to scare me. Smiley at the bottom.
It made ma life (day to day to day). I still have it framed, the paper, the letter. Hope to see him again in asphodel.....

Shifa Ahamed P

Mail sent by Mr. Narayan Murthy to all Infosys Employees

Published on June 19, 2014

Courtesy *Dr. S. V. Ramana, Asst. Professor, Dept. of English*

COLLEGE OF ENGINEERING (AUTONOMOUS)

Dear Students,

Here is a lesson in the form of an Email that was sent by a learned mind to all the employees of Infosys, especially to the young and unmarried male and female 21st century's software professionals who spend their time, engaging themselves in meaningless activities after working hours and misusing the resources of the employers...!

This can also be the lesson for the upcoming professionals (future employees), who roam without SMART (Specific, Measurable, Attainable, Realistic & Timebound) goals in life to engage themselves in productive, significant and meaningful activities and walk on the successful paths...!

It's half past 8 in the office but the lights are still on… PCs still running, coffee machines still buzzing… And who's at work? Most of them??? Take a closer look…

All or most specimens are?? Something male species of the human race…

Look closer… again all or most of them are bachelors…

And why are they sitting late? Working hard? No way!!! Any guesses??? Let's ask one of them… Here's what he says… 'What's there 2 do after going home…Here we get to surf, AC, phone, food, coffee that is why I am working late…Importantly no bosssssss!!!!!!!!!!'

This is the scene in most research centers and software companies and other off-shore offices.

Bachelors 'Passing-Time' during late hours in the office just bcoz they say they've nothing else to do… Now what r the consequences…

'Working' (for the record only) late hours soon becomes part of the institute or company culture.

With bosses more than eager to provide support to those 'working' late in the form of taxi vouchers, food vouchers and of course good feedback, (oh, he's a hard worker….. goes home only to change..!!). They aren't helping things too…

To hell with bosses who don't understand the difference between 'sitting' late and 'working' late!!!

Very soon, the boss starts expecting all employees to put in extra working hours.

So, My dear Bachelors let me tell you, life changes when u get married and start having a family… office is no longer a priority, family is… and That's when the problem starts… b'coz you start having commitments at home too.

For your boss, the earlier 'hardworking' guy suddenly seems to become a 'early leaver' even if u leave an hour after regular time… after doing the same amount of work.

People leaving on time after doing their tasks for the day are labelled as work-shirkers…

Girls who thankfully always (its changing nowadays… though) leave on time are labelled as 'not up to it'. All the while, the bachelors pat their own backs and carry on 'working' not realizing that they are spoiling the work culture at their own place and never realize that they would have to regret at one point of time.

So what's the moral of the story??

* Very clear, LEAVE ON TIME!!!

* Never put in extra time 'unless really needed '

* Don't stay back unnecessarily and spoil your company work culture which will in turn cause inconvenience to you and your colleagues.

There are hundred other things to do in the evening..

Learn music…..

Learn a foreign language…

Try a sport… TT, cricket……..

Importantly, get a girl friend or boy friend; take him/ her around town…

* And for heaven's sake, net cafe rates have dropped to an all-time low (plus, no fire-walls) and try cooking for a change.

Take a tip from the Smirnoff ad: *'Life's calling, where are you??'*

Please pass on this message to all those colleagues and please do it before leaving time, don't stay back till midnight to forward this!!!

IT'S A TYPICAL INDIAN MENTALITY THAT WORKING FOR LONG HOURS MEANS VERY HARD WORKING & 100% COMMITMENT ETC.

PEOPLE WHO REGULARLY SIT LATE IN THE OFFICE DON'T KNOW TO MANAGE THEIR TIME. SIMPLE!

Regards, NARAYAN MURTHY

SWAMI VIVEKANANDA INSPIRING QUOTES FOR YOUTH

- *Swami Vivekananda is the world famous inspiring person. He is known for his saying and quotes which influence thousands of young minds. He is like a light in the dark ground. Swami Vivekananda Quotes, Saying about life, Religion, Spirituality, are very effective. Vivekananda said, "You are the creator of your own destiny". In another quote, he said, "Arise, awake and do not stop until the goal is reached."*
- *Our duty is to encourage everyone in his struggle to live up to his own highest idea, and strive at the same time to make the ideal as near as possible to the Truth.*
- *The moment I have realized God sitting in the temple of every human body, the moment I stand in reverence before every human being and see God in him - that moment I am free from bondage, everything that binds vanishes, and I am free.*
- *We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far.*
- *Anything that makes you weak physically, intellectually and spiritually, reject as poison.*
- *"Relationships are more important than life, but it is important for those relationships to have life in them."*
- *The world is ready to give up its secrets if we only know how to knock, how to give it the necessary blow. The strength and force of the blow come through concentration.*

Y.V.Ramanjaneyulu; CSE

Pale Blue Dot: A Vision of the Human Future in Space

Carl Sagan

Look again at that dot. That's here. That's home. That's us. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate of our joy and suffering, thousands of confident religions, ideologies, and economic doctrines, every hunter and forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every "superstar," every "supreme leader," every saint and sinner in the history of our species lived there-on a mote of dust suspended in a sunbeam.

The Earth is a very small stage in a vast cosmic arena. Think of the endless cruelties visited by the inhabitants of one corner of this pixel on the scarcely distinguishable inhabitants of some other corner, how frequent their misunderstandings, how eager they are to kill one another, how fervent their hatreds. Think of the rivers of blood spilled by all those generals and emperors so that, in glory and triumph, they could become the momentary masters of a fraction of a dot.

Our posturings, our imagined self-importance, the delusion that we have some privileged position in the Universe, are challenged by this point of pale light. Our planet is a lonely speck in the great enveloping cosmic dark. In our obscurity, in all this vastness, there is no hint that help will come from elsewhere to save us from ourselves.

The Earth is the only world known so far to harbor life. There is nowhere else, at in the near future, to which our species could migrate. Visit, yes. Settle, not yet. Like it or not, for the moment the Earth is where we make our stand.

It has been said that astronomy is a humbling and character-building experience. There is perhaps no better demonstration of the folly of human conceits than this distant image of our tiny world. To me, it underscores our responsibility to deal more kindly with one another, and to preserve and cherish the pale blue dot, the only home we've ever known.

Courtesy: Mr. Prabhakar, NanoTechnology

SPACE RESEARCH IN INDIA, *A Dream Come True!*

Indian Space Research Organisation has recently entered into the record books of Space Activities in the world with the launching of 104 Satellites from one launch vehicle and achieved this feat with the highest precision. Three cheers ISRO!

Imagine the efforts that must have gone into this success with 100 percent accuracy as Engineers and Scientists to be professionals like in this Project. The life in ISRO is what I say made me Professional, I can be saying proudly and no mincing words.

The designing of a Launch Vehicle is done in Vikram Sarabhais Space Center, Thiruvananthapuram; the Satellites of ISRO are from ISRO Satellite Center and 101 Foreign Satellites from abroad; the Payloads for Geo Mapping designed at Space Application Center, Ahmedabad; the Solid and Liquid propellants at Sriharikota and Mahendragiri; and the mist important Launchpads located in Satish Dhavan Space Center at Sriharikota in Andhra Pradesh!

So GEOGRAPHICALLY distributed locations contribute to a single launch and this keeps happening for all launches.. wonder how beautifully we need to plan, implement and organise to be successful! No wonder that professional in every aspect takes care of even a nut and bolt (they are the most important components in this Technology, just don't laugh it off please) to the most complex communication networks to the mist sophisticated computer controls AND utmost care to be taken in quality checks in the selection of Soldering lead for Printed Circuit Electronics.

The launch pads are a Mechanical marvel in themselves. The Clean rooms where a micron level dust Particle is to be measured and eliminated for assembling a Satellite, the huge Radar Systems for telling us in Ground as to the required parameters as designed are satisfied during the trajectory.. so many sub systems working properly for hours together incessantly .. I do not have words to explain how exciting life in there!

During the sequencing before launch it is such a calm before storm and then the T0 count.. BOOM... BOOM... the slow lift off.. More than 100elephants, may be more,...idly moving vertically and before you can count numbers moving forward regally into the space unknown.. but with the best discipline master design!

Is it no wonder to us? It is no dream to be part of such excitement and every professional likes to be part of this by being participants.

I wish the boys and girls of Institutes of higher learning get such dreams for achieving and that can be told in story like what I tell you with PRIDE!

I say I have been part of that Proud professional Community of ISRO, and savouring the success WE achieved and enjoying the present Generation truly performing to our expectations.

Prof.G.T.Rao

"Thinking should become your capital asset, no matter whatever ups and downs you come across in your life." - A.P.J Abdul Kalam

VICTORIES AND CHALLENGES OF INDIAN WOMEN

According to our Indian traditions and rituals, women have been worshipped as goddess and recognized as source of infinite energy in nature. She is an idol of kindness, humanity, sacrifice, love, politeness. But these are confined only to books and temples. Today women are independent proving themselves as the best in every aspect. They are competing with men in education, politics, employment and many other areas. They are honored as prestige of family. But this is one side of he coin. Coming to another side, along with victories women are facing many challenges in our society. Women are excellent in many aspects but the excellence is being limited and controlled by the boundaries of four walls of her house. They have to obey family's interests and wishes. Not only school girls but also working women have no right to go anywhere and do anything without family's permissions.

Working women have to look after their children, husband and household members along with their office work, also manage financial status of the family. They have to manage their health conditions inspite of seeking help of family members even during pregnancy periods, but no gratitude of them towards her. Along with these challenges, women are facing sexual harassments and acid attacks. The situation today is worst that a woman cannot trust any male person in this world. Several rape cases are notified from past few years. Women are brutally raped and assaulted by several grumpy men betraying inspiring life of women to burial grounds. Now-a-days there is no newspaper that is being published daily without having a rape case. Our government and politicians are doing nothing except shrugging shoulders and watching situations after happening of these worst cases. In 2013, several laws have been implemented to strengthen the safety of women such as criminal law act, 2013 to provide stringent punishment to sexual offences for sexual offences against women of workplace Act, 2013, protection of women from domestic violence Act, Marriage law bills etc.In economic budget of 2014, government allotted additional Rs.1000 crores to Nirbhaya Act to improve safety of women. These laws and bills appear only as words in paper, not in consideration.

Women even after marriage were tortured by husband's family members for dowry and are treated as slaves. If a relation between a husband and wife breaks out and gets divorced, it is pitiable situation of our society that points over women only, even she haven't done anything wrong. Women are confined to these family relations and facing problems at home afraid of challenging the society in an ironical manner.

Every woman is successful in every situation she is facing. The major victory of an Indian woman is exposing her smiling face to society with solace, but heart filled with troubles and depressions. A woman, light of the society must become as fire which can burn all the immorals that are faced by her. This is the time for every woman to fight and struggle for our rights.

SK.SAJIDA SULTHANA;
11131A04F0; ECE-3

Role of Technology In Heralding "WORLD PEACE"

With the improvement in technology the job of an individual in his day-to-day life is becoming easier. Most of the people in the world are busy in their life and they don't have time to seek into global issues like World Peace but it is an important factor in keeping the lives of individuals in a normal way. If the world peace is disturbed then it affects most of the people.

The Modern Technology is playing an important role in promoting World Peace in either ways of both constructive and destructive nature. The improvement in technology in one country may promote peace in another country by helping them to improve their technology but this improvement may even result in de-promoting the world peace if there is improvement of weapon technology which may be used against other countries.

The crimes committed by an individual or a group of people of one country against another country like terrorism using modern technology effects the peace between those countries. The world peace may also be disturbed when some countries go against the rules posed by the UNO.

Technology can promote world peace to a great extent if different countries come and work together in developing modern technologies in a mutually benefitting way that is useful for the development of their nations. The importance of world peace can be explained and developed among the people easily using technology. The commitment of each and every individual in the country to follow the rules is very important in maintaining the world peace.

Development of technology in weapons is a major threat in maintaining the world peace. For example, if a country develops a bomb which can destroy an area of around 10sq. km circumference then their rival countries may develop bombs which may destroy area of more than 10km and the use of these new weapons cause great destruction in peace.

So, technology can be used in both maintaining as well as destroying peace. People must be educated about the use of technology for their development and the importance of maintaining world peace, they must be aware of the loss caused by destroying world peace.

"Technology may help in maintaining peace in an individual which result in maintaining the World Peace but it depends on the way we use it".

"What can you do to promote world peace?
Go home and love your family"- Mother Theresa

Ch. Leela Yaswanth, ECE-2, 3rd Year
14131A04A1.

"The trick to having good ideas is not to sit around in glorious isolation and try to think big thoughts. The trick is to get more parts on the table."¯ Steven Johnson

COLLEGE OF ENGINEERING
(AUTONOMOUS)

BRAIN DRAIN IN INDIA

Brain drain refers the situation when highly qualified or trained people leave a country to permanently settle in foreign country. It is also referred as HUMAN CAPITAL FLIGHT. This situation is mostly observed in developing and under developed countries.

In ancient times, the scholars of one country visited neighboring countries, they stayed there for years, both learning and teaching. The great scholars of China and Persia, and other scholars from the West visited India during her prosperous days in the past and wrote memoirs which are precious material for Indian history. But these were not considered brain drain then. For when Heing Tsang came to India, his absence from his own country did not make much difference. On the contrary his experience and wisdom gained from his visits enriched his country. Such exchanges benefited the countries in those days in building a bridge of understanding.

Brain drain is one of the extremely serious problems in developing countries like India. In such countries, the ambitious and highly educated people found it very difficult to climb the peaks. Hence hundred of talents emigrated to the USA and Europe which assured them of great opportunities for getting to the top of secure and comfortable living. But a developing country could hardly afford to accommodate so many ambitious people.

After training and experiences in foreign countries, some people return to their native country and when they fail to fit in with the evolving patterns of their country, they drive away to foreign countries.

One of the main reason for brain drain is the widespread unemployment and under employment in our country. The excess of skilled professionals in India has lured an army of educated unemployed. So instead of returning home to unemployment, many prefer to stay back in those countries. Also scientists and other research professionals need sophisticated equipment related to their work. Lack of such research facilities in our country is also one of the causes of brain drain.

Finally, it is the duty and responsibility of those well qualified and highly educated people to dedicate their services with a patriotic zeal in restoring the lost glory of India, instead of joining the mad rush for careerism.

Y.KAVYA
14131A04N4, ECE-4

Change your thoughts and you change your world." ~Norman Vincent Peale

Feminism: A Struggle for Equality

A famous poet once ***said "Feminism isn't about making women strong. Women are already strong; it's about changing the way the world perceives that strength"***. So what is feminism? How do women/girls from other parts of the country think about feminism and women empowerment? What was the motivation and strength behind all the eminent women who outshone everyone in their respective fields in this male-centric society? With all these questions in mind and a heart full of vigor and zeal our team of four Sameera (Mech.),Harika(EEE), Meghana(ECE), Manaswi(CSE) along with our faculty coordinator smt.Leela Rani attended the National Women's Prliament on 10th,11thand 12th of February 2017 in Amaravati. In a first of its kind initiative, National women's parliament was organized by the Andhra Pradesh legislative assembly in association with MAEER'S MIT school of governance at the beautiful and breaath - taking Pavithra Sangamam in Amaravati, Andhra Pradesh. Though we are the largest democracy, women in India find themselves under-presented and far-removed from decision making levels. Women face many political, socio-economical and societical obstacles .These obstacles are a few of the many issues taken up in the "three day" conclave, which was based on the theme "Empowering Women-Strengthening democracy".

The conclave was inaugurated by Prime Minister Narendra Modi via a video conference in the presence of AP Chief Minister N.Chandrababu Naidu and speaker of legislative assembly Dr.Kodela Siva Prasad Rao and speaker of Bangladesh parliament Shirin sharmin chaudhury.The vision of the conclave is to provide a platform and enable, encourage social, political and economic empowerment of women in all strata of the society. The National women's parliament saw almost 10,000 higher secondary girls connecting with 401 women legislators, 91 women members of parliament and 300 social and corporate women leaders of India and overseas. Women from diverse backgrounds like politics, sports, education, cinema, media and social sector participated in the NWP to share their knowledge and research in the area of women's social, economic and political empowerment.

In an inspirational speech given by Puducherry Lieutenant Governor Kiran Bedi who said "Women are as good as opportunities we get and by opportunities I mean right schooling, courage etc When right opportunities are created for young girls nothing can stop them". Yes even after 69 years of independence a girl child is still kept captivated in the shackles of many stereotypes and prejudices that fill our society. So what is women empowerment? As said by another eminent actress and cancer survivor Manisha Koirala "For me empowerment is the ability to control my life, to confidently make decisions for myself, to have the ability to dream, aspire and achieve the goals and to live a full life". Another main feature of this conclave is the interaction between the mentors and mentee where many issues faced by woman were discussed in detail and solutions were drawn from the discussions. It is rightly said "when a women is educated, the family is educated in turn the society is educated which makes the whole nation educated". As they say "A journey to a thousand miles begins with single step" a diverse gathering and vibrant sharing of thoughts this step was indeed the best start the journey for better future for women of India.

R.SAMEERA, 14131A0396, MECH-2

Philosophy

The term "philosophy" meant in ancient Greek the pursuit of knowledge for its own sake, and comprised all areas of speculative thought, including the arts, sciences and religion.

Philosophy is traditionally divided into three major branches

- Natural philosophy
- Moral philosophy
- Metaphysical philosophy

The division is not only obsolete but changed. It has been divided into many categories Natural philosophy, the study of the physical world, has split into various natural sciences, especially astronomy, physics, chemistry, biology, cosmology. Moral philosophy has the study of goodness, right and wrong, beauty, justice and virtue. Metaphysical was the study of existence,God, causation, logic, forms and other abstract objects.

In all world civilizations philosophy finds a reasoned inquiry into such matters as reality, morality and life. All cultures and literate societies ask philosophical questions such as "how are we to live" and "what is the nature of reality".

Philosophy is such a vast subject that it is difficult to know how to break it down into manageable and logical sections.

Western philosophy: The philosophical tradition of the Western world dates to Pre-Socratic thinkers who were active in Ancient Greece in the 6th century BC such as Thales and Pythagoras. Socrates was a very influential philosopher in that era. Karl Marx is the key figure in 19th century philosophy who has developed the foundation for communism.

Indian philosophy: Traditions of Indian philosophy are generally classified as either orthodox or heterodox depending on whether they accept the authority of the Vedas and whether they accept the theories of Brahman and Atman. Indian philosophy also covers political philosophy and philosophy of love. Indian philosophical thinkers include Aurobindo, Radhakrishnan.

Buddhist philosophy begins with the thoughts of Gautama Buddha.

African philosophy: It is philosophy produced by African people, philosophy that presents African worldviews, ideas and themes, or philosophy that uses distinct African philosophical methods. Their ideas include Ujamaa, Ubuntu.

East Asian philosophy: East Asian philosophical thoughts began in China and Chinese philosophy begins during the Zhou dynasty. Confucianism, Legalism, and Daoism are major philosophical schools. In the Modern era, Chinese thinkers incorporated ideas from Western philosophy. Chinese Marxist philosophy developed under the influence of Mao Zedong.

Indigenous American philosophy: It is the philosophy of indigenous people of Americans. There is a wide variety of beliefs and traditions among these different American cultures.

Philosopher questions can be grouped into categories. These groupings allow philosophers to focus on a set of similar topics and interact with other thinkers who are interested in the same questions.

These five major branches can be separated into sub-branches and each sub-branch contains many specific fields of study.

- Metaphysics and epistemology
- Value theory
- Science, logic and mathematics
- History of Western philosophy
- Philosophical traditions

K V PRAVEEN, 14131A0470, ECE 3.

Very often a change of self is needed more than a change of scene." ~Arthur Christopher Benson

COLLEGE OF ENGINEERING (AUTONOMOUS)

ONE DAY IN MY LIFE "Don't criticize anyone"

It's almost been an year this incident took place. Exactly on this day an year ago, I was sitting along with my younger brother in living room and having conversation with him. It's known fact that most of

But the incident that I am going to tell you now is something hilarious. I think many of you didn't experience the thing happened to me. That day, as usually I was making fun of my brother and laughing at him. Generally I used to lampoon him about his studies. Because he is not good at studies. So I used to bother about him and I used to scold him in rough tone. But that day I was fed up with his reckless behaviour and instead of scolding, I was making fun of him. Like, you are hopeless man. You can't earn even a single penny. And I made

For my surprise, he suddenly splashed the entire milk on my face. I was taken by surprise for a moment. I didn't move even by an inch for a minute. The very first second, I was angry at him for doing like that to me. I was like," Dude! you are gonna become my 13th friend today". The next second, I felt that it is very funny. I used to see this kind of scenes in movie and now it happened to me. How funny it is!!Then I started giggling. And again, I started threatening him like, you are gonna face the music, wait and see!!My emotions were fluctuating continuously throughout a

Yes, it was my mistake. I shouldn't have criticized him. Who wants to get insulted!!No one does. People say that "What You Do Comes Back To You". Utterly true. I insulted my brother and eventually I got insulted by him. After this incident, I felt that it is not good to make derogatory comments on anyone. It makes the people become demoralised. Once a person's ego is hurt, he doesn't care about what he does. He will justify his actions. So be careful when you are talking to a person. If you expect something from a person, then you should choose some other way rather than criticizing him. Appreciation is the best strategy for that. There may be few people of carefree nature. You may think that they don't care about anything. So we can say

I hope that you people won't do the thing as I did.

టీచర్ : రాము " 8" లో సగం ఏంత రా ?
రాము :అడ్డం గా అయితే "0" నిలువు గా అయితే "3"
టిచర్ : సినియర్ కి జూనియర్ తేడా ?
రాము : సముద్రం దగ్గర వుండేవాడు sea"near"
జూ కి దగ్గర వుండేవాడు ju"near"
టీచర్ : oxford అంటే ఏంటీ ?
రాము : ox అంటే ఎద్దు, ford అంటే బండి,
oxford అంటే ఎద్దులబండి

టీచర్ : రోడ్ మీద వెళ్ళేటప్పుడు నీకు రెండు సంచులు దొరికాయి అనుకో, ఒకదానిలో జ్ఞానం,
రాము : డబ్బు వున్న సంచి తీసుకుంటా మేడం,
టీచర్ : అదేం నీకూ నాకూ తేడా, నేనయితే జ్ఞానం తీసుకునేదాన్ని,
రాము : కరక్టే మేడం, ఎవరి దగ్గర ఏది లేకపోతే అదీ తీసుకుంటారు
టీచర్ : ఒరేయ్ నీకు తెలివి ఎక్కువయిందిరా, పంది పొవురం ఒకేచోట వుండలేవురా !
రాము : అందుకే మేడం నేను మీ క్లాస్ నుండి ఎగిరిపోతున్నాను

Mr. Giri Babu, Asst.Prof. of Maths

"If you can't outplay them, outwork them." ~Ben Hogan

THE SHAKTHI

Being a girl is cool, but it isn't always easy! For no good reason, girls are not always given the same chances as boys.

For example, in some countries, girls are not offered an education. In fact, 66 million girls around the world are out of school!

Have you ever been told that you couldn't do something because you were "a girl"? Never forget that people said the very same thing to Amelia Earhart when she decided that she wanted to be a pilot. Sally Ride was told the same thing when she wanted to become the first female Astronaut. Kiran Bedi was told the same thing when she wanted to become first IPS officer. They did not listen to the crowd. They followed their dreams and their hearts and they reached their goals. You can too.

One other way that girls are often limited is how TV and the media often focus on beauty as a girl's outward or physical appearance. But, true beauty doesn't come from the outside. It comes from within. A beautiful person leaves love, kindness, generosity, and good deeds in their wake. That is what defines real beauty, not their hair or eyes or complexion

"This is your life – not your parents', teachers' or significant other's. If you ever find yourself on a path that just doesn't feel safe anymore, you have every right to stop the car, get out – change your shoes and start walking."

M.Prathyusha, 14131A1258 , IT-2

Artificial intelligence and it's warning signs to our society

After fifty years of effort and billions spent on research, we're finally cracking the code on artificial intelligence. Recent developments in perception, robotics and machine learning, propelled by advancements in computer technology are enabling a whole new generation of systems that rival or exceed humans. These developments may usher an era of unprecedented prosperity, but not without bringing drastic changes to our social fabric and economy.

Persistent unemployment and increasing unemployment and income inequality have plagued our economy for ages and if unchecked artificial intelligence can make this worse. AI systems can capable of processing large amounts of data and make decisions based on them are already being used to humans in various fields (stock trading, marketing etc.). Eventually many jobs that don't require a specialized skill set would be taken up by these intelligent systems.

On the other front machines equipped with various sensors and radars, capable of perceiving their surroundings are being developed to perform tasks that a decade ago, were thought impossible for a machine. Autonomous cars belong to this class of machine and would eventually replace human drivers. The warning signs are clear and policy makers should make new laws and policies to tackle these challenges posed by AI.

M.S.P.S.N.Varma, 14131A1264

"Engineering... to define rudely but not inaptly, is the art of doing that well with one dollar, which any bungler can do with two after a fashion."¯ Arthur Mellen We llington

Digital Economy in India

The world as we know it is continually changing, and one of the fundamental drivers is digital transformation. At its core, digital transformation isn't about Internet "unicorns." It's about using the latest technology to do what you already do – but better. The global economy is undergoing a digital transformation as well, and it's happening at breakneck speed. **What is the digital economy?** It' s the economic activity that results from billions of everyday online connections among people, businesses, devices, data, and processes. The backbone of the digital economy is hyper connectivity which means growing interconnectedness of people, organizations, and machines that results from the Internet, mobile technology and the internet of things (IoT). Especially in a developing country like India digital economy plays important role to make country number one according to all aspects.

In digital economy the cashless is king. After demonetization in India, digital transaction increased. According to the central bank's latest data, an index of the stocks has gained 12 percent since November's surprise currency ban, Digital payments have jumped almost 43 percent to 958 million transactions in December from November. The Government of India announced rewards and awards schemes like *Lucky Grahak Yojna* and *Digi Dhan Vyapari Yojna* etc to encourage common people move towards digital. If and when India does become a cashless economy, the benefits will be huge. They, in turn cannot fool people by giving away black money as if they are doing a huge public service. As for the government it becomes very easy to track each and every rupee being spent in this huge nation, from where it is coming and to where it is going. The benefits are endless. But the main challenge is technological which comes with a baggage of risks and security threats; The Government has to provide privacy policies and security awareness to the people.

But what we need to think about- **Is 100% digital economy possible in India?** The answer is No because developing economies have an added challenge in the form of high levels of illiteracy among the masses and short of digital awareness For example, in India itself, there are large sections of rural population who haven't seen a bank in their lifetimes, let alone owning a bank account. The only way they recognise money is through currency notes and coins. Even educated people are afraid of using digital payment system, people still rely on the idea of money being 'physically' realisable. All the existing cash cannot be removed or deemed 'abandoned' at one go.India is a developing country with around 6,00,000 villages. We have 40 thousand bank branches in villages. Average number of customers a branch needs to handle is around 12000. That also means that there are many villages without a bank branch. Tech support is not robust enough to support even the existing number of cards – some 26 crore credit cards and some 69.7 crore debit cards. The move to digital economy is not a rapid exercise; it is more of a steady journey. So it takes time to shift to digital platforms. Typically a period of three to four years with sustained government policies. Some experts are of the view that the government's demonetization move will push more people and merchants to consider digital options. For that Government has to make fundamental changes to create digital awareness in the public. The transparency in the funding of Political Parties was also recommended by the Law Commission of India.

India will be a global player in the digital economy' Sunder Pichai, Google

- T.Vasanthi, MCA (Final Year)

Education for the New Professional

Dr. J.Ravindranath, Professor &HOD, Department of English

COLLEGE OF ENGINEERING (AUTONOMOUS)

1. Respect for teacher has become almost slight today. Cash nexus affected the affection a teacher used to have for his student. A teacher is today facilitator as well as face of the knowledge. Respect is not blind obedience but awakening of light of criticism in the dark chamber. Teacher is the bridge between past and future and the student is a traveler who goes one step forward. "Men must be taught as if you taught them not, and things unknown proposed as things forgot."- Alexander Pope

2. **Honesty** today is seen as a synonym for inefficiency. In fact, lack of honesty leads to mistrust in personal relations and unhappiness individually and collectively. Honesty is the water which cherishes the tree of life. It may bring discomfort at times but offers nectar to the thirsty humanity at the end. Cynics may deride it, opportunists may dismiss it but in the end it is the best policy and practice too.

3. **Moderation** means control of gluttony, lust, greed and inertia. Humans have to cultivate humanity. When they fail to rein in their minds, they are worse than beasts. Today beasts seem better than greedy humans. The latter turned maniac, demoniac, masochistic, sadistic and terrific. If humans want to evolve into divine, they ought to leash their rapacity and unleash their generosity. Think wisely and live moderately.

4. **Compassion** is an innate quality to any creature. It persists until conditions or some ideology develops or damages it. Bitter conditions of life or fanaticism rout compassion at times. People become bound in their skins and lose sympathy, empathy and fail to connect themselves with others. When passion is inflamed, compassion evaporates into thin air and indifference overwhelms individuals and they remain humans only in form but become hollow in essence. Compassion is an antivirus to anger.

5. **Humility** is a virtue that is often mistaken as weakness. Humility is recognizing a grain of sand in a vast desert. Arrogance is thinking that one constitutes the whole desert. Humility is considering oneself as a wave in the ocean of humanity. It makes one a better human being. It never kills oneself or the other. It is the finest expression of the philosophy of "live and let others live.""Humility snips the wild growth of the Ego."

6. **Hard work** means chipping away the boulder on your path. Smart work is going around it. It is a Herculean task like the digging of a tunnel through a hill whereas smart work is flying in a balloon over the peak of a hill. Hard work bears the earth on one's head like Atlas. Smart work shares the burden to the team. Diligence and intelligence combined offers smart work."Hard work is a flower whereas smart work is its fragrance."

7. **Truth** is timeless as well as historical. It is the Sun and the Moon. It wins in the end because falsehood never survives for long. Truth is love is beauty is divine. It doesn't ask for concession. It benefits the seeker and disturbs the escapist. It is real because it is existing. It is real because it changes. It is mysterious but not to the

searching mind. It is not blind faith or mechanical reason. "Truth is a wild tree of freedom swayed by wind of equality."

8. **Honour** is a word much misunderstood. It doesn't mean false pretence. Nor imaginary airs. It is respecting your values. It's standing for yourself and losing your privilege if necessary. It's trust which your words and deeds carry. It's realization of promise. Its life or next to your life. It's a quality which refuses to live on other's terms. At times it's more precious than life. "Honour makes humans as humans."

9. **Patience** is the ability to defer the satisfaction of your needs. It's eating an ice cream a little later. It strengthens your will power and makes you understand what you need to do. It bears the pain for future gain. It endures what is incurable. It waits till a seed grows into plant and change envelopes the society. It is a virtue which gives importance for others and a confidence that you get what you deserve."Patience is a damsel awaiting her prince of truth."

10. **Detachment** is easier to preach to the middle- aged rather than the young people. The latter like passion, promise and performance. To tell them to be detached means to dampen their enthusiasm. But if they are excessively attached to their efforts and turn possessive that would cause a lot of problems to them and others. It means undying enthusiasm. It cares more for endeavor rather than calculated result. It is an antidote to attachment to persons and things. It is objectivity and the ability to go on in spite of negative or no outcome in the short run. Possessiveness is the property of the private property. Detachment makes it easier to give away rather than gluing oneself to other objects and persons. Modern world needs more detachment. Of course conmen use this to become opulent at the expense of the gullible folks. We need not only practice of detachment but generosity to share one's wealth with the less fortunate.

11. **Flexibility** is an ability much needed now. It is bending rather than breaking. It comes through creative thinking. One has to go around the problem when bashing one's head against it is foolish. It is learning anew till the end of life. It is learning a new skill or language for survival and success. It is a sense of resignation in the face of an incurable disease. It is understanding the situation and preparing oneself to behave accordingly. It has meanings like 'suppleness', 'litheness' and 'plasticity' or 'elasticity 'and a saving quality during crisis.

12. **Purity** is like a white cloud in the bluish sky on a sunny day. It is being you and doesn't have mere biological or psychological connotation. It is crystal clarity of one's goals in life. It is not the lack of weakness but cultivation of strength. It is cleansing of everyday dust from one's being. It develops one's sincerity and concentration. It is standing like a lotus in a muddy pond in the evening or watching the rays of the sunrise in the early morning. It is a cotton flower fully bloomed in the field. It is the smile of the baby and serenity of the Buddha.

13. **Depth of domain knowledge** gives one a great deal of confidence and professional development. It means understanding inner connections of things in the subject.

It is said that a person can become an expert in the subject if he spends ten thousand hours on it. They must be quality hours but not distracted ones. The more one reads and notes down the essential things, his knowledge grows and there is no short cut to depth of knowledge. One may be intelligent or not, hard work really goes a long way in establishing oneself as an expert. The dictionary meaning of an expert is 'authority', 'proficient', 'and connoisseur 'or'skilled'. An expert has exceptional memory, processing skill, and can give appropriate decisions during crisis times.

14. **Love** is mother. Love of mother, love of God and love of dog are unconditional. The youth also have to cultivate love or knowledge, skills, profession and people. It is the last which is more important because without love there is no life or happiness. Mother gives everything for the sake of the child. God's love is objective or impartial. A dog shows unconditional love for man. Love, life and God are immeasurable.

15. **Contentment** is in the being. It is contentment at what you are and what you have. It is cheerfulness in the face of odds. It is joy in realization of virtues such as truth, beauty and honour. It is delight in watching the sunrise. It is philosophy you find in the sunset. It is what you feel on the full moon day It is in the first love of the youth and last laugh. It is smile of the baby, green of the spring, song of the cuckoo and silence of the night. It is nature incarnated as man and woman. It is humanity merging and emerging into divinity.

16. **Broad-mindedness** means looking beyond one's nose. It understands diversity in ideas, thought, attitudes and behavior. It is breaking boundaries of the self-centered existence. It is awareness of others and their significance. It is the dynamism of the young who learn new things and explore new countries. It comes out of leaving one's home and hearth; it cures the malady of ignorance and jealousy. It relaxes one's mind and offers the philosophy that everyone is entitled to his own niche.

17. **Creativity** is nature. Everyone is endowed with it. It is damaged by conservatism of the family, school and society. It is surviving in the Sahara desert .Creativity is triumphing over global warming, violence, nuclear threat, poverty, rigidity of mind, frigidity of the body, deadness in the soul, rottenness in society, alienation in the family, sickness of civilization, meekness of heart, dependence and inequality. It is new education for new generation, new earth and new universe of melody. It is the Word coming from the beginning and deed demolishing the despair caused by greed. Creativity was, is and will be. Forever.

18. **Peace** is the virtue. It comes through spirituality. It recognizes oneness of all. It comes through economic equality, social justice, and political freedom. It is not idleness or lethargy. It is energy directed to resolve contradictions through discussions. It doesn't like bombs, tombs, and insensible lives. It is vibrant, positive and expansive. It nourishes values, promotes happiness and perpetuates the life of the planet earth. It is the cure to poison of hatred and acts as nectar for further evolution of human life

COLLEGE OF ENGINEERING (AUTONOMOUS)

ENGINEERS AND ENTREPRENEURS

Having an engineering degree will provide many job opportunities. One of those possibilities is becoming an entrepreneur. Starting a new business can be quite challenging. Every engineer who has invented some new technology or is adept at creating new solutions believes that is hard part, but it is the first step to enter into the world of entrepreneurship.

The work of engineers forms the link between scientific discoveries and their subsequent applications to human and business needs and quality of life. Key aspects of being entrepreneurial are vision and opportunity. Entrepreneurship can be defined as the designing process, launching and running a new business such as a startup company, offering a product. The people who do so are called entrepreneurs. Entrepreneurs need to be flexible and patient. Being entrepreneurial allows an engineer to be more strategic in a project or in an organization.

Traditionally, an entrepreneur has been defined as a person who starts, organizes and manages any enterprise, especially a business with considerable risk. With the globalization of business and the uncertain economy, there are plenty of opportunities to evaluate and pursue.

"ENGINEER TO ENTREPRENEUR: THE FIRST FLIGHT"

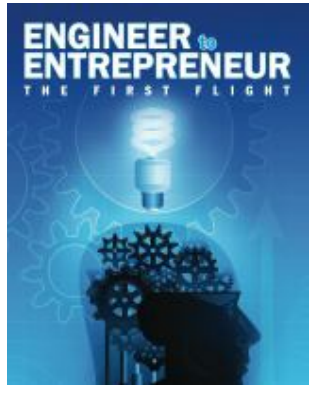
Everyone ought to understand:

- Everyone loves 'cool ideas' and new technology.
- Marketing is fluff and selling is black magic.
- We need to get functionality maximized before we focus on customers.
- A good engineer hates unpredictability and risk.
- Outside funding causes loss of control and undue pressure to deliver.

Engineering is a key part of a range of industries including music, TV and films, construction, transport, cosmetics, medicine, food and fashion. British engineers transformed modern transport by designing and building some of the first railway engines.

Certainly, there are many examples of great companies led by engineers, including Microsoft with Bill Gates, Oracle with Larry Ellison and Google with Larry Page. This is strong evidence that it is possible to make a leap from engineers to an entrepreneur or a group or an organization.

T. VENUSRI SAI, ECE-4,14131A04L7



"The harder I work, the luckier I get." ~Gary Player

Education vs. Literacy

India is a hub of knowledge and education. MNC's are preferred to hire human resources from different pools like medicine, management, technology and others who are equipped with talent in India. However, the arising query is "Is Literacy and Education are same?""Having high literacy rate means country is having educated people?" let us now explore…

- Literacy is about acquiring ability and learning, while education is about applying these skills and learning for benefit of other people, society or country.
- A Literate may able to read or write but may not be a wiser. An Educated one possesses wisdom and provides with the understanding of discriminating morals and principles.
- The Literate people may able to forget his learning but the educated will not.
- An Educated is a superior who know how to respect elders.
- Literate people working at higher positions and misusing their positions and degrading others are the biggest example of uneducated people.
- An Educated person might be a literate but a Literate person might not be an Educated person.
- It can illustrate by using following example… Our honorable prime minister has introduced Swach bharat policy. Everyone knows about this, but all don't follow it. Which means we are all literates but not educated? An educate people may only bring change by following policies. Being a literate doesn't bring any expected change in the society.
- It can also be illustrated by using another example. A person who knows all the recepies may not be a good chef, but the person who knows how to cook can be a good chef. In the similar way Literacy is a path to reach destiny but education is the source which guides to the destiny in a right path.

CONCLUSION: Education is about knowing your skills, abilities, and the learning, and then using them in a right direction in right time. Education institutions may make all the students literate but not all of them as educated .Education changes a person as a whole. Educated people understand their responsibility towards the society and country. It is more of using ethical practices to bring a real change in the society. So be educated but not merely a Literate

G. POORNIMA PRIYANKA, 3rd ECE

EXOPLANET
BEYOND LIFE ON EARTH

NASA's Spitzer Space Telescope has revealed a new exoplanet discovery: the first known system of seven Earth-size planets around a single star. Three of these planets are firmly located in the habitable zone, the area around the parent star where a rocky planet is most likely to have liquid water.

The discovery sets a new record for greatest number of habitable-zone planets found around a single star outside our solar system. All of these seven planets could have liquid water–key to life as we know it–under the right atmospheric conditions, but the chances are highest with the three in the habitable zone.

At about 40 light-years (376 trillion km) from Earth, the system of planets is relatively close to us, in the constellation Aquarius. Because they are located outside of our solar system, these planets are scientifically known as exoplanets.

This exoplanet system is called TRAPPIST-1, named for The Transiting Planets and Planetesimals Small Telescope (TRAPPIST) in Chile. In May 2016, researchers using TRAPPIST announced they had discovered three planets in the system. Assisted by several ground-based telescopes, including the European Southern Observatory's Very Large Telescope, Spitzer confirmed the existence of two of these planets and discovered five additional ones, increasing the number of known planets in the system to seven. Using Spitzer data, the team precisely measured the sizes of the seven planets and developed first estimates of the masses of six of them, allowing their density to be estimated. Based on their densities, all of the TRAPPIST-1 planets are likely to be rocky. The mass of the seventh and farthest exoplanet has not yet been estimated–scientists believe it could be an icy, "snowball-like" world, but further observations are needed.

All seven of the TRAPPIST-1 planetary orbits are closer to their host star than Mercury is to our sun. The planets also are very close to each other. If a person were standing on one of the planet's surface, they could gaze up and potentially see geological features or clouds of neighboring worlds, which would sometimes appear larger than the moon in Earth's sky

Spitzer, an infrared telescope that trails Earth as it orbits the sun, was well-suited for studying TRAPPIST-1 because the star glows brightest in infrared light, whose wavelengths are longer than the eye can see. In the fall of 2016, Spitzer observed TRAPPIST-1 nearly continuously for 500 hours. Spitzer is uniquely positioned in its orbit to observe enough crossing–transits–of the planets in front of the host star to reveal the complex architecture of the system. Engineers optimized Spitzer's ability to observe transiting planets during Spitzer's "warm mission," which began after the spacecraft's coolant ran out as planned after the first five years of operation.

Spitzer, Hubble, and Kepler will help astronomers plan follow-up studies using NASA's upcoming James Webb Space Telescope, launching in 2018. With much greater sensitivity, Webb will be able to detect the chemical fingerprints of water, methane, oxygen, ozone, and other components of a planet's atmosphere. Webb also will analyze planets' temperatures and surface pressures–key factors in assessing their habitability.

K SWAMY KUSHAL
IIIrd year,ECE-2,14131A0471

It is strange that only extraordinary men make the discoveries, which later appear so easy and simple. _Georg C. Lichtenberg

FAILURE, THE POWER TO LURE SUCCESS

Is failure a bad thing? Well, when you look at the definition of failure in English dictionary it's defined by the words "lack of success". So, if failure indeed is a bad thing then that implies "success" is the purpose of life. If that was the case then Bill Gates would not show up for work every day and Justin Bieber would stay at home and not sing anymore. It's the learning, the struggle, the growth and experience that lures the sole purpose of life. We are living in a world obsessed with winning and so the fear of failure makes us so close minded that we get caught up in duties society imposes on us and don't live as free and full a life as human can. Failures are actually the door keepers of success and every time you walk through, the door becomes bigger and the lock gets tighter and this is because every new challenge tests our genuineness, our authenticity and our real desire to chase the goal. Failure is extremely hard to handle , but those who do ,come out stronger. Always remember if challenges could always be overcome, they would cease to be challenges. Never stop trying because if you have never failed, you have never tried anything new.

KAVYA NSV ; 16131A04E2; ECE-3

FATHER'S LOVE TO US IS ETERNAL

"There was a man who had two sons. One day the younger one said to his father, 'Father, give me my share of the estate.' The father divided his property between them.

"Not long after that, the younger son got together all he had, set off for a distant country and there squandered his wealth in wild living. After he had spent everything, there was a severe famine in that whole country, and he began to be in need. So he went and hired himself out to a citizen of that country, who sent him to his fields to feed pigs. He longed to fill his stomach with the pods that the pigs were eating, but no one gave him anything.

"When he came to his senses, he wondered, 'so many of my father's hired servants have food to spare, and here I am starving to death! I will set out and go back to my father and say to him: Father, I have sinned against heaven and against you. I am no longer worthy to be called your son; make me like one of your hired servants.' So he got up and went to his father.

"But while he was still a long way off, his father saw him and was filled with compassion for him; he ran to his son, threw his arms around him and kissed him.

"The son said to him, 'Father, I have sinned against heaven and against you. I am no longer worthy to be called your son.'

"But the father said to his servants, 'Quick! Bring the best robe and put it on him. Put a ring on his finger and sandals on his feet. Bring the fattened calf and kill it. Let's have a feast and celebrate. For this son of mine was dead and is alive again; he was lost and is found.' So they began to celebrate.

M.Prathyusha; 14131A1258; IT-2

INDIAN HISTORY: 5000 YEARS AT A GLANCE

1) 327-26 BC: Alexander's invasion of India and the opening of land route between India and Europe.

It was a major incident as fight with Porus was extremely tough for Alexander.

The elephant army of Porus was implacable.

Though Alexander won the battle but Porus gained his regards and Alexander's desire to conquer the entire known world, ended in north-western India.

Purus surrendering to Alexander

2) 712 AD: Arab invasion of Sind by Mohd. bin Qasim

Qasim's conquest of Sindh and southern-most parts of Multan enabled further Islamic expansion into India.

Muhammad Bin Qasim leading his troops in battle (Source: Wikipedia)

3) 985 AD: Accession of Raja RajaChola I

Chola architecture was nonparallel in world, south India is a proof of it.

Brahadeewarar temple is an outstanding example of Chola architecture

4) 313 BC : Accession of Chandragupta Maurya, which is followed by

- Accession of Ashoka
- Mark towards formation of present day Bharat(India)
- Battle of Kalinga

5) 1526 AD - First Battle of Panipat, marked the beginning of he Mughal Empire. This was one of the earliest battles involving gunpowder firearms and field artillery

Babur introduced field guns at Panipat

6) 1576: Battle of Haldighati - Rana Pratap defeated by Akbar

I believe this incident is most underrated in Indian history.

Maharana Pratap had a good chance to defeat Akbar, was he not deceived by his own people.

7) 1192 AD: Second battle of Tarain in which Mohd. Ghori defeated Prithviraj Chauhan

Again an Indian emperor defeated because of his own people.

Story of Mohd Gauri and Prithviraj Chauhan is very filmy, do read it in detail from Wikipedia.

Mohad Gauri was no match of Prithviraj Chauhan strength as he lost many a times earlier and been forgiven by Prithviraj Chauhan, but he won this one time and made Prithviraj Chauhan his PoW , I still feel the hurt of this loss after thousand years :(.

8) **1556 AD - Second Battle of Panipat**, Akbar vs. Hemu

Hemu led his army himself into battle, atop an elephant. Akbar was a kid then under protection of Bairam khan, who was far from battle field.

Hemu was on the cusp of victory, A Mughal archer shot an arrow that pierced the eye of Hemu rendering him unconscious and in agony.

This was a tiny arrow which have impacted Indian history for many a centuries to come.

· **9) 1947 AD - India became independent from British Rule**

. **10) 1947 AD - Partition of India & Pakistan**

K JOY VIENNY, III ECE 2,14131A0479

Progress is made by trial and failure; the failures are generally a hundred times more numerous than the succes ; yet they are usually left unchronicled. - William Ramsay

INTERNET - (NOT AS YOU SEE IT)

We all are fond of internet and its usage. But very few professionals can understand its original terminology. We all use some technical buzz words but hardly know even them and can't explain when asked about them.

Internet is simply a world's largest computer network. A simple computer connected to a router. A network is a collection of computers that can communicate with each other.

An IP network is a communication network that uses IP to send and receive messages between one or more computers. Ethernet, wifi, 1G/ 2G/3G are different kinds of networks but all use IP system to communicate.

The main computer(s) that offer internet is(are) called host(s). Every host has unique IP address that other hosts use to communicate with. IP address is a 32-bit number like… 125.25.365.8989. http or https are requests made by users.

A protocol is a set of rules that define how system communicates. IP is a set of communication protocols used on internet called TCP/IP (transmission control protocol). It provides end-to-end communication specifying how data should be packetized, addressed, transmitted, routed and received.

Websites like Google, facebook; YouTube, etc are called web-applications. Web applications can be defined as client-server applications that run in a web-browser.

A browser is software which needs to be installed in a device to use web applications. Computer programs that can make requests to servers and fetch response are called clients. When these programs make requests to web servers, they are called web-clients.

A URL(uniform resource locator) is a web address. It identifies both server and resource. Its purpose is to find resource on internet.

Computers are identified by IP address. Each server must have unique IP address to connect itself to its clients over internet. This IP address is mapped to human friendly "Domain name" to make it easy to remember.

Example: GOOGLE - http://74.125.225.72/

YOUTUBE – http://208.65.153.238/

Airtel, idea, reliance, etc companies which provides you data to access internet are called ISP (internet service providers). When your mobiles gets ISP connection, it connects to a set of core routers which are connected to servers and that is how we can access internet.

K.SAI RAHUL, 14131A0494, ECE-2, 3rd YEAR

Although Nature needs thousands or millions of years to create a new species, man needs only a few dozen years to destroy one. -Victor Scheffer

Enrich your Expression

Ram: Hi! Quite busy with mid exams?
Sam: Yes. I am going to the college.
Ram: What time does it start?
Sam: At 10.20 am.
Ram: Oh! It's 10 am now. It's time you were in the college.
Sam: It seems you don't know the usage of 'be' forms: is, am, are, was and were.

Let me correct you - It's time you are in the college.

Ram: I know them. But with the phrase 'It's time', always use simple past after the Subject (S).

e.g. i. It's time you finished homework.

ii. 'It's time we created many role models.'

but not when followed by 'to infinitive' – It's time to go to the college.

Sam: Are they your own examples?
Ram: Yes, but the second one is from the lesson 'Unity of Minds' by Dr.Kalam.
Sam: We don't have inspiring lessons in the English course except lab.
Ram: But we have both English theory and lab.
Sam: I think It's time our college introduced the lessons in the course.
Ram: Correct usage. Keep it up. What are you searching for?
Sam: My wallet.
Ram: I would give you if I found it.
Sam: Is it not - 'I will give you if I find it?'
Ram: That is 'first conditional' sentence. It talks about 'possibility'.
Sam: would……found? A bit confusing!
Ram: This is called 'second conditional' to talk about imaginary situations. It's very useful in spoken English.

e.g. Many plants would become extinct if all insects disappeared.

(The Story of Insects)

Sam: One more example from the lessons? Intensive reading!
Ram: Yes. Our faculty members teach us in such a way that we learn the usage of difficult words, phrases, idioms, expressions…and so on. And this is very useful for competitive exams also.
Sam: I am really tempted to join your college!
Ram: Most welcome! All the best for your exams.
Sam: Sorry. I would write well If I prepared.
Ram: That's it! You are very receptive.
Sam: Thanks for sharing the knowledge.
Ram: it's a pleasure.
Sam: I would cancel mid exams if I were the principal!
Ram: Wonderful!!! You are *enriching your expression*!!!!!!!!

Mr.J.Raja Ratnam, Asst.Professor, Dept.English, GVPCE(A

COLLEGE OF ENGINEERING (AUTONOMOUS)

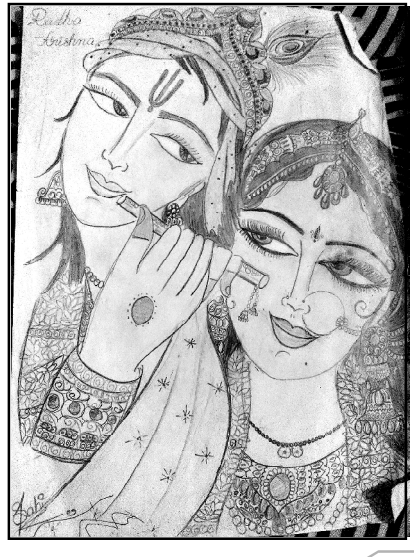
MY TAKE ON AGRICULTURE

Agriculture is the backbone of Indian economy. Unfortunately in the modern days, agriculture is on the verge of extinction. The number of farmers practicing agriculture is dipping day-by-day. Let us consider a scenario of a farmer having children. The farmer struggles throughout the day in the fields to yield better crop and to earn money. He spends that hard-earned money mostly on educating his children. Assume that his children complete their education and attain a high profile job. The farmer grows old and no longer is interested in working at the fields as his children are already minting money. Now the agricultural land is taken care by none. Crops are no longer cultivated on the land and soon the land becomes barren. When the farmer passes away, the land is inherited by his children. They of course don't use the land to practise agriculture. As they are used to earn lots and lots of money they'll probably sell it to a construction company or any of the MNC's whoever in need.

The point here is the land which used to provide food to some thousands of people is now unproductive. Such is the situation in present society. An Engineer would like his child to become an engineer, Doctors want their children to become doctors but no farmer wishes his son grow to be as a farmer. Despite many farmers committing suicides in the country, the government doesn't take any measures to prevent them. They just declare compensation to be paid to the family of the deceased, but god knows whether it reaches them or not. If this situation persists, in the coming years the government has to introduce a job called 'Farmer', hire people, educate them, providing land to cultivate by some programs like 'Land acquisition program' what they're doing now for the sake of constructing companies and for the development of the state. Agriculture should be termed as a science and farming should be done as a job. As long as agriculture is not given importance nothing can be changed. If this situation doesn't change the world will suffer, people will die out of hunger and I feel that's one of the worst ways to encounter death. As long as the situation is in our hands the situation has to be taken care of.

Agriculture is our culture, not a profession. Respect it! Encourage it!

K.CHETAN; 14131A0484; ECE-2



Sahithi I

"The dreamers are the saviors of the world." ~James Allen

"IT'S GOT GOING, TO KEEP GOING WITHOUT ME"-TERRY FOX

SEP 1St 1980 – It was a dull day in northern Ontario when Terry Fox ran his last miles

He had started out strong that morning and felt confident. The road was lined with people shouting, "Don't give up, you can make it!" words that spurred him and lifted his spirits. But after 18 miles he started coughing and felt a pain in his chest.

Terry knew how to cope with pain. He'd run through it as he always had before; he'd simply keep going until the pain went away.

For 3,339 miles, from St John's, Newfoundland, Canada's eastern most city on the shore of the Atlantic, he'd run through six provinces and now was two-thirds of the way home. He'd run close to a marathon a day, for 143 days. No mean achievement for an able-bodied runner, an extraordinary feat for an amputee.

He was 22; curly haired, good-looking, sunburned. He was strong, willful and stubborn. His run, the Marathon of Hope, as he called it, a quixotic adventure across Canada that defied logic and common sense, was his way of repaying a debt.

Terry believed that he had won his fight against cancer, and he wanted to raise money, $1 million perhaps, to fight the disease. There was a second, possibly more important purpose to his marathon; a man is not less because he has lost a leg, indeed, he may be more. Certainly, he showed there were no limits to what an amputee could do.

He changed people's attitude towards the disabled, and he showed that while cancer had claimed his leg, his spirit was unbreakable. His Marathon of Hope had started as an improbable dream – two friends, one to drive the van, one to run, a ribbon of highway, and the sturdy belief that they could perform a miracle.

He ran through ice storms and summer heat, against bitter winds of such velocity he couldn't move, through fishing villages and Canada's biggest cities. Though he shunned the notion himself, people were calling him a hero. He still saw himself as simple little Terry Fox, from Port Coquitlam, British Columbia, average in everything but determination. His father, Rolly, was overheard to say, "I think it's unfair. Very unfair."

"I don't feel this is unfair," Terry told him. "That's the thing about cancer. I'm not the only one. It happens all the time, to other people. I'm not special. This just intensifies what I did. It gives it more meaning. It'll inspire more people. I could have sat on my rear end, I could have forgotten what I'd seen in the hospital, but I didn't."

"How many people do something they really believe in? I just wish people would realize that anything's possible, if you try; dreams are made, if people try. When I started this run, I said that if we all gave one dollar, we'd have $22 million for cancer research, and I don't care man, there's no reason that isn't possible. No reason. I'd like to see everybody go kind of wild, inspired with the fund-raising."

He came home in a private jet. This was not the triumphant homecoming he and so many others had imagined. The run didn't end with Terry dipping his artificial leg in the seawaters off Vancouver's Stanley Park; instead, he was taken by ambulance back to the Royal Columbian Hospital.

Although Nature needs thousands or millions of years to create a new species, man needs only a few dozen years to destroy one. -Victor Scheffer

He continued to wear his Marathon of Hope T-shirt in hospital and refused the many offers, including one from the Toronto Maple Leaf hockey team, to finish his run for him.

In less than 48 hours the CTV television network arranged a special telethon and by the end had raised more than $10 million – $1 million from the provincial government of British Columbia, another $1 million from the province of Ontario and substantial cheques from corporations. Most, however, came from private donations.

Isadora Sharp had sent a telegram which Terry pinned to his hospital bed. He said that Terry's marathon was just the beginning and that a fundraising run would be held in his name every year to continue his fight against cancer.

"You started it. We will not rest until your dream to find a cure for cancer is realized."

For the next 10 months, Terry battled the disease. Some days the pain was nightmarish; some days, he felt well enough to go out with Rick Hansen and his friends.

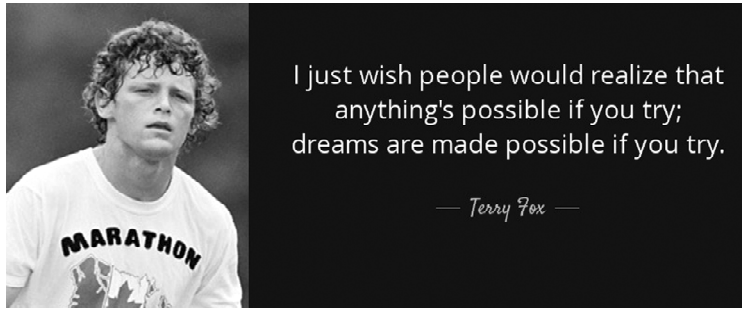
As he fought for his life, he was honored with awards: He was the youngest Companion of the Order of Canada, the nation's top civilian honor; he was named Newsmaker of the Year by the Canadian Press; he won the Lou Marsh trophy for outstanding athletic achievement; his portrait was hung in the Sports Hall of Fame and letters of encouragement came from around the world; and, most importantly, donations to his Marathon of Hope reached $23.4 million. The Guinness Book of Records named him top fundraiser. A mountain was named after him in British Columbia.

Terry died, his family beside him, June 28, 1981 – one month short of his twenty-third birthday.

There was nation-wide mourning. Flags were flown at half-mast. But people didn't forget him and his story didn't end with his death. The first Terry Fox Run was held that September – more than 300,000 people walked or ran or cycled in his memory and raised $3.5 million.

Terry's mother Betty says there would be no Terry Fox Run if not for Isadora Sharp. And Mr. Sharp, who has known the loss of a son to cancer, believes one day a brilliant young researcher, perhaps one funded by a Terry Fox grant, will find a cure for the disease.

"Terry did not lose his fight," Mr. Sharp says. "Perhaps he finished all he had to do. Terry is like a meteor passing in the sky, one whose light travels beyond our view, yet still shines in the darkest night."



If your experiment needs statistics, you ought to have done a better experiment. —Ernest Rutherford

LIFE OF PHYSICS

From cradle to grave physics is applied. In everyday life, everything what we see and use, will undergo into physics on any stage. Physics is the basic requirement to know the future of humankind.

EINSTEIN, before his death, he was working on manuscript i.e. 'THEORY OF EVERYTHING". which describes all the forces in universe can be discovered by single theory

In the first physics class Aristotle gave two theories those are:

1. Every thing in the universe is attracted to earth
2. Any moving object will come to rest at sometime

But after 2000 years, these two theories were proved as wrong by Newton, a 23 year old boy who saw apple falling down from tree and questioned why not the moon falling. This question changed the entire fate of mankind. But to find it's answer, there was no proper mathematics present at that time. So he discovered a calculus with that he used track the motion of moon. If it's possible, then every planet in a solar system can also be tracked. Thus he finally discovered that tracks of moon calculated through calculus are exactly equal to tracked through telescope.

He published the book 'PRINCIPIA'. It contains all mathematics & scientific principles. Even today Rocket launching is based on Newton's laws of gravity but not Einstein principles. Using Newton laws of motion, Industrial revolution took place which changed the world.

Entire universe is acting on 4 forces

1. Gravitational force 2.electro magnetic force
3. Weak nuclear 4.strong nuclear

In public demonstration, Michael Faraday proved that when a moving metal wire is placed in a magnetic field then electric force is produced which resulted in electric revolution. Power generated through hydro electric generators and even in lights in olden bicycles is based on these principles.

Since moving magnetic field creating electric field and similarly moving electric field creating magnetic field. Thus both combining and forming ELECTRO MAGNETIC WAVE. This principle is proposed by James Clerk Maxwell. In this process he discovered speed of EM wave is equal to speed of LIGHT. Later he discovered that EM wave is light. four dimension divergence of an antisymmtric second rank tenson is ZERO. Thus light is formed.

NUCLEAR FORCE - Force of stars and sun. It is of two types.

1. Weak nuclear force
2. Strong nuclear force

It is related to binding force between atom particles. Universe is combination of matter and energy. Also for every matter there will be antimatter.

e.g. : electron is negative charge whereas proton is of positive charge.

Similarly like good & evil.

When both i.e. matter & antimatter collide with each other great matter is produced. To prove this principle magnificent machine is constructed. Its name is Head Roncollider. In this two protons circulate in opposite direction resulting in large amount of energy is released. It proposed BIGBANG theory which describes how this universe is formed. If this universe is formed through big bang, then the source of energy for such a creation can be known through this experiment.

Similarly to our universe, they are several of this kind. They are called as MULTIPLE UNIVERSE. Due to extension of lives after several years, this universe will go to a condition i.e. partially freeze. Then all species will become extinct . THEN ''TO LIVE YOU LEAVE '' situation occurs which mean to survive we have to go to some other universe. So to travel to other universe concept of WARM HOLES come into existent. It is the shortest distance between universes exactly. It acts as shortcut way to travel.

TIME TRAVEL researches are going on. it can also be possible but it requires enormous energy and mathematics. It may be possible in the future.

J RAJ KUMAR, 15135A0420, ECE-2

LONG LIVE FARMERS

An actor tries to make his son an actor. An engineer makes his son another engineer. A Doctor always prefers his son to be a doctor to continue his business of nursing homes/ hospitals. Even if he is not competent, they will try their best to make him qualify in the same. So all well off people choose the same profession for their kith and kin.

How about farmers? The answer obviously comes NO, particularly in our country India, where agriculture is primary economy and moreover it's really unfortunate that agriculture is not accepted as a profession these days. In search of answer let's get in through the life of farmers in India.

In India a strange situation appears most of the farmers who cultivate don't have their own land but do it in that of landlords, who he should pay rent whether the crop yield profit or loss. Moreover in between the time he plough and sow the seeds and finally take the grain home, he is challenged by many factors like crop getting affected by pests, water scarcity, environmental issues like rainfall which should be in time and shouldn't be too short or too long. Each has its own adverse effects on yield. And finally had to sell his yield for loss due to price fixation gambling by brokers resulting in bagful of debts. Which is the situation compelling many farmers to migrate for cities in search of some other work. Some are not able to do so and it leads to end their lives so miserable. When asked why he did not make his son a farmer, he answered:

Farming is hard work, is non-remunerative and it is difficult to get labor. Besides he also thinks that a farmer's son is a non- marriageable commodity and that his sons have a better life in cities.

It's just that every parent want his son to have better life than what they had, making farmers not to bring them into agriculture.

These farmers are like seeds that rot themselves to give fruits and flowers to others.

What hope we can give to a farmer to not to give up agriculture? Whom we should blame for the pitiable situation farmers are in? All political parties use farmers as vote banks and come to power but had done nothing to see that the living standards of farmers is uplifted and standardized

Some of the factors here to be taken in to account are:

1. Price fixation: it places a major role in giving farmer his worth. Government should take all measures so that it is done properly whatever may be the situation by allocating a share of budget as a farmer's welfare fund.
2. Marketing and transportation facilities also play a major role
3. Agriculture, in the modern times is becoming mechanized. This involves huge capital investments. Purchase of machinery, fertilizers, pesticides and high yielding variety seeds require plenty of money. Government

should ensure that all farmers can afford the use of modern technology in cultivating crops.

4. Government policies should not be anti agriculture, it should be kept as the top priority. Farming lands are not to be procured for any other purposes.
5. Agriculture should be included as a branch of science and developed on par with engineering and given degrees. So that people choose agriculture as their profession after that.

We should take strong reforms in this regard until the mind set of coming generation has changed as that farming no longer an unfruitful occupation but as a noble profession, and every person doing farming should feel proud and live an appropriate life earning his own profits.

'Agriculture' the most useful most healthful and most noble employment of the mankind.

Let's us all thank the farmers for being farmers struggling and serving our food.

Prosperity of the nation lies in wellbeing of the farmers.

Let's ensure that Farmers will not be victims of society.

- **Kadiyala sai Krishna chaitanya,**
III E.C.E,14131A0460

MIND AND HEART

Have you ever been amazed of something that is really not that beautiful?

Never…have you ever?

Today, on my way to the college in the same bus that I usually board..In the same route that drives me to the college…with the same people I usually come across on my way, the kids standing beside me for their bus, the old men talking their memories, the same sun looking at me.. But today, seems to be little different from my daily routine…I asked my mind WHY?

When I asked my mind, it said "wait, I am thinking!!!" In the meantime my Heart said "It's because you are thinking"…

Each and every moment that's happening around me being captured by my mind, while my heart is feeling that moment. Now a fight aroused between my mind and my heart.Mind saying "I capture the moment, you can feel it. So I am great" …My heart saying "without me the moment you capture has no meaning, so I am great".

I wish both my heart and my mind to win…then my heart said to the mind "without you I am nothing…because, only if you capture the moment I can feel it." My mind realized and said "if you were not there to feel the moment, then was there any use to capture the moment?"…

With this truth I realized that "When heart and mind are together…every little thing seems to be very beautiful, even if it is not."

Akhila Vaddamani, 14131A1299, IT-2

By 'life,' we mean a thing that can nourish itself and grow and decay. –Aristotle

MYTHOLOGICAL CARTOONS

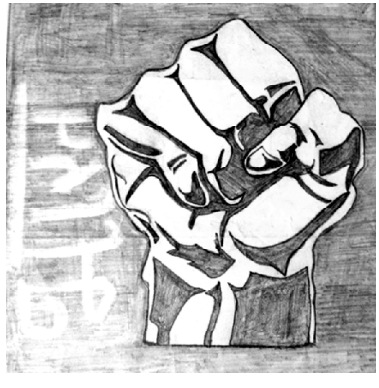
By Padmini Durvasula

One of the most memorable days in our life was our childhood days. They were full of imagination and dreams. Fun never used to end in that short span of period. Most of us used to enjoy watching cartoon shows in Television. My intension is that from the childhood, the growing kids should be grooved with 'Human Values'. They should be Educated with Sathya, Dharma, and Ahimsa, the stepping stones for building a pure Character.

The interesting thing is showing 'Mythology using Cartoons'. I support this, because the 'Little Hearts' are more attracted towards the pictorial representation ,the way the pictures are crafted using animation software. I can take the example of the movie "Hanuman" which was a 'smash hit'. It reached the hearts of many people, not only children, even many of the elders could know about the ethics, moral stories. Some other examples are "Bal Ganesh", "Ramayana" all tell about Mythological facts. Also, "Krishna and Balaram" showcases the relation between Krishna and Balaram and their friends in their childhood. Some other type of fascinating cartoon programs are "Roll No. 21" and "Chota Bheem". These are a kind of comic plays which have grabbed many of the young minds like the crazy situations between Krishna and Kamsa (who disguises himself as a Principal). This was taken from the idea of "Sri Krishna Leela Stories".

Another idea of mine is, like the above mentioned programmes, we can also create the shows on great people like, "Rama Krishna Paramahamsa" and his beloved disciple "Swami Vivekananda", their moral stories which bring about the essence of attitude in one's inner self. Even the "Panchathantra Stories" lead to a great impact on the people of ages between 4 to 8 years.

Cartoons and kids are inseparable. Kids remember all the title songs of their favorite cartoon shows even after they grow. This shows that they are very much affectionate to their childhood shows. This brings both enjoyment and builds a good attitude. So, if the myths are created using cartoons, they remember them and build themselves in a society.



B. Shanmukh

A physicist is an atom's way of knowing about atoms. —George Wald.

ORIGINAL THINKING

Prof. V. Dharma Rao, *Mechanical Engineering Department*

Once upon a time there were two Mathematics teachers in Visakhapatnam, who were the most sought after by Intermediate students. One of these teachers had the habit of writing on the blackboard all the problems followed by their detailed solution procedures. The other teacher was giving these problems to the students as home work. He was explaining solutions to selected few problems only. Interestingly the students aspiring admission in engineering preferred the second teacher, because they felt that they can develop the habit of thinking by solving difficult problems, and this aspect would be useful to them in answering the EAMCET question paper better.

Things changed with passage of time. The number of students appearing for EAMCET increased. The number of good colleges didn't increase very much. Hence the competition among the students increased. According to a senior teacher in a coaching institution, they developed a large question bank, and wrote their own text books. They prepared the key for it. They conduct many mock tests. They prepare their students in such a way that they can complete answering more number of questions in the given time than others, and get top ranks. Hence memorizing a large number of questions along with their answers started paying dividends.

Interestingly the style of education does not change even after the students enter into engineering study. In computer programming lab, the students write C-code for 15 problems. In the final examination, they are given one of those 15 problems. Hence memorizing the code gets them marks. For this reason, many of the final year engineering students (who secure A-grade) cannot write even a simple code on their own.

The woes of an engineering student begin from his third year. He must get selected in campus recruitment. He must get a seat in MS in a US university. He must also get a good score in GATE examination.

He takes training in a coaching center for writing the written test well and for doing well in the TR, MR and HR interviews conducted by the software companies. He is taught a good number questions and answers for the test and for the interviews, which he has to memorize. Surprisingly in the interviews the software companies ask questions from only those which he learnt in the coaching institutions.

For GRE and TOEFL he has to get by heart a large number of words from the dictionary and a good number of questions from the question banks. Browsing for universities, selecting universities, downloading applications, getting professors recommendations, preparing SOP, getting university transcripts. It is a full-time job really. Where is the time to study?

Ironically he has to study most of the core subjects of his branch of engineering in the third and final years. He has no time for this. Hence he memorizes some

important questions and their answers, and gets a good grade. He can't get a good score in GATE examination, as the GATE questions fall out of his coverage area.

Once upon a time the students were nurtured in the habit of thinking by the then teachers. Since the last few years, the students in India do not have that much of time, and due to intensive competition, have to apply management techniques in education suggested by certain expert institutions to become successful, and stay front runners in various endeavors.

Undergraduate study is the best time for the student to gather and accrue knowledge and information in his core area of engineering using the teachers, library and internet facilities. Some of his prime time is spent in certain other activities, which are also important to him and which decide his future. He must optimize his time to cater to all the needs including sports.

In this context, let us see, how the education system is in US. A girl, who did her BS program in US, told me. In their computer programming laboratory there doesn't exist any specific syllabus in the lab class, except for some guidelines. In the final examination, the teacher gives a new problem of his choice. The student has to think about the algorithm, write the code in C language, and get the answer. Hence some of the students fail in the lab examination.

A person, who worked as a team leader in WIPRO in US, told me. The software engineers working under him had to write small codes in C for their projects. Instead of writing their own codes, they were browsing in web and were able to get the codes, which they wanted. Surprisingly these codes were written by the dropout students from engineering colleges in US.

The lives of some American engineers must serve as inspiration to the student community. Hewlett and Packard (of HP Computers) were students when they developed the first electronic gadget.

When Steve Jobs was removed from Apple Inc. by his fellow directors, he didn't become desperate. He started two companies - NEXT and PIXAR. He developed the Macintosh operating system in NEXT, which later became the official OS for APPLE computers. Walt Disney, in association with PIXAR, made the animation movie Toy Story.

All of this was possible because they cultivated the habit of Original Thinking.

Intelligence is interest plus diligence. Original thoughts would come to one's mind only after extensive reading. Shortcut methods certainly help in producing certain short term gains. The students must develop the quality of hard work and extensive reading in their core field in order to get original ideas. Their parents and teachers must help them in this direction.

Science is vastly more stimulating to the imagination than the classics. —J. B. S. Haldane

My Wife Is My Life

1. I love my wife,
My wife is my life;
She is my lover,
She is my lovely flower,
She is very clever,
She is my power.
2. She is very good,
She cooks for me my favourite food.
She is always great,
She is not at all my fate,
She doesn't wake up late,
She doesn't shop any item that is so rare,
Always keeps me in a good way!
3. She always keeps our home clean and neat,
And every week I give her a lovely treat;
She always cooks tasty food for me to eat.
She is always sportive,
And she is always positive,
She is my courage,
And she will be always first to encourage.
4. She is always polite,
And she is my light,
Which is so bright,
And she is always right,
She is my heroine who is my favourite.
5. She is always correct ,
And also she is always perfect,
She always gives me respect.
She is my health,
She is my wealth,
She is even my breath...!!!
6. She is my lovely rain,
She is not my tear,
She is also not my fear,
She is my dear.
She is my gold,
She is my only world!
She is my joy,
She is my beautiful toy;
She is my well-wisher,
She is my best friend,
Whose friendship never ends?
7. She is my endless lovely line,
She is also my beautiful shine,
She is always my smile,
And she is my angel.
8. She is my past,
She is also my present,
And she is also my future,
She is only my beautiful life.
9. She is my freedom,
She is my luckiness,
She is my happiness,
And she is my pride.
10. She is my patience and peace,
Who always keeps me away from diseases.
My wife is my success,
And she is my Goddess.
11. She is also kind,
That she excuses my mistakes and doesn't mind.
My wife is God's gift,
Who is so valuable to me.
She is my lovely gift,
Who always lifts me up from my sorrow
12. She is my nice fridge,
Who always keeps me cool
She is my beautiful bridge,
Who always puts me on the right path!
13. She is my paradise;
There is no life,
Without my wife,
My life is with my beautiful wife,
My wife is only my beautiful life.
14. We fight, we tease, we blame each other,
We sing, we dance, we play and we make fun,
We do chit chat; we respect our parents and grandparents,
We even love our children,
And we play with our grand children,
We even love our brothers and sisters,
We enjoy with our friends,
We respect our teachers,
And ultimately last but not the least,
We both love each other,
And we both are made for each other!
15. My wife loves me,
And I love her too!
She always believes me,
And I too believe her,
And I will never let her belief down!
I like my wife more than myself,
Thank you so much dear God,
For giving me such a wonderful wife
My life is my wife,
My wife is my life...!!!

With lots on love on my life -

A.B.S.Hemanth,
ECE-1
16131A0410.

What is possible in the Cavendish Laboratory may not be too difficult in the sun.—Sir Arthur Eddington.

A Day

There is a beautiful town called Zehran, which is really a place of natures beauty, I visited this town during my holiday vacation .On a fine sunny day I wanted to see all the towns beauty, I need to search a shelter to live I went walking, around for three hours I was also visiting many new places in the town. Thus I stopped a while and want relax. At that moment I saw a young boy with a very bad temper shouting at his mother, I felt sad and I was just observing the whole situation. Suddenly he is calm and stopped shouting; I was surprised to know that he was afraid of his father.

That boy and that situation interested me. But I had to move in search of my shelter. After some time I saw a board of To-let nearby .With great happiness and pleasure I got that house for rent.

On another day I started observing every moment of that boy. After a few days the father of that boy and I became friends .I gave a brief scenes which I had observed about that boy to his father .The boys father wanted to teach him a lesson so he gave him a bag of nails and told him that every time he lost his temper he must hammer a nail into their fence .On the first day of this lesson the little young boy had driven 42 nails into fence, he was really mad. Over the course of the next few weeks, the little boy began to control his temper , so the number of nails that were hammered into the fence dramatically decreased .It wasn't long before the little boy discovered it was easier to hold nails into fence .Then the day finally came when the little boy didn't lose his temper even once and he became so proud of himself he couldn't wait to tell his father. Pleased, his father suggested that he now pull out nail for each day that he could hold his temper.

Several weeks went by and the day finally came when the young boy was able to tell his father that all the nails were gone. Very gently the father put his hand around his sons shoulder and led him to fence "you have done very well, my son", he smiled, "but look at the holes in the fence. The fence will never be the same". The little boy listened carefully and his father continued to speak. "When you swaything in anger they leave permanent scars just like this and no matter how many times you say sorry the wounds are taken to heart will still be there". He realized at that moment and feels guilty about his act done with his mother . His father smiled at him and left away. I felt sad again by seeing him I went to him and said "Hey dude why are you looking so dull?"Don't be sad." Mother is the one and only persons who will always forgive her sons mistakes she won't remember his sons mistakes she will only feel her sons pain, we don't know about the existence of God but we can say for sure that there is a goddess mother." He looked at me and gave a smile and went to his mother and gave tight hug and a kiss to her and said I love you mom. I felt very happy by seeing that moment it's a wonderful moment which can't even beaten by any beauty even by natures beauty all my holidays gets fulfilled. While I am returning to my home town that little boy questioned me "Hey bro how u gave me that beautiful words on mother any lesson?" .I gave him a smile and left……

Loving Mom and Dad... Krishna Adatrao.

A.N.Sai Krishna, 16131A0403, ECE 1

On Losing A Loved One

Dr. J. Vasundara Devi, Professor, Dept. of Mathematics & Associate Director (LIAS)

The pain and sorrow of losing a loved one, the feeling of let down, the emptiness that follows transcends the boundaries of language and falls into the realm of silence. To come to terms with the facts of life, to accept the inevitable takes time

So a journey into the past is always helpful and let us consider a couple of things that happened at school.

1. There were times when we had hurt ourselves, tore a good dress and came home crying. Then we were taken care of and the dress might have been repaired. After that we might have worn it a few times or just left it.

2. We leave our school, our homes, our villages and friends to join a new a school, to make a new home, to get used to new places and to make new friends.

Similar things happen to the human body, that is, bodies of people.

1. Sometimes the body gets hurt and one goes to a hospital to get it repaired. After the repair one comes back and lives in it happily.

2. At other times, the body cannot be repaired and it becomes unsuitable for a person to use it to do the work the person wants to do. Then the person finds it necessary to leave it.

Our loved one also went to the hospital to repair the body that is damaged. For some time our loved one waited for the body to be repaired and to get better. Then it dawned on (her/him) that the body is not suitable anymore and that it is better to leave it.

LEAVING it where did it go?

Like our going to a new school, our loved one must have gone to a new world, far far away from here, so we cannot see (her/him) again.

But we can feel their presence- how?

We know that our loved one was a very great human: generous, courageous, kind and loving.

So when our loved one left us, he/she must have blessed us.

1. When you shower your love, with all the kindness they had, on this world, they will smile and you will feel love coming back to you.

2. When your thoughts are positive and good their love will shine on you with the sunshine and laugh at you from the bright and colorful flowers.

So go ahead with love and courage in your heart and generosity in your mind. Your loved one is by your side playing with you as before. The difference is now you cannot see but can only feel.

Cry your heart out for the loss of the mortal frame and then brighten your life knowing that they are eternally with you in your heart and your dreams.

God created two acts of folly. First, He created the Universe in a Big Bang. Second, He was negligent enough to leave behind evidence for this act, in the form of microwave radiation.-Paul Erdős.

చెప్పులు

అంగర వెంకట శివప్రసాద రావు

సాహితి సమావేశానికి బైల్దేరాను. సమావేశాలు ఎక్కువగా పబ్లిక్ లైబ్రరీలో జరుగుతాయి. ఒక సమాజం వాళ్ల మీటింగులు ఒక స్కూల్లో జరుగుతాయి. కాని ఈ సమావేశం లలిత గుళ్లో జరుగుతోంది ప్రతీ శుక్రవారం సాయంత్రం ఆరు గంటల నుండి ప్రతి వారం ఒక వక్తని పిలిచి వాళ్ల చేత ఉపన్యాసం యిప్పిస్తారు. కథలు, కవితలు చదువు తారు కొంతమంది రచయితలు, వాటి మీద విమర్శలు, విశ్లేషణలు వుంటాయి.

నేనో రచయితని, చాలా ఏళ్ల క్రితమే నారచనా వ్యాసాంగం ఆపేసాను. ఆదీ నావృత్తికి, యింటికి న్యాయం చెయ్యాలనే వుద్దేశంతో, అవన్నీ చక్కబడ్డాక, వుద్యోగంలోంచి విశ్రాంతి తీసుకున్నాక నాలో రచయిత మేల్కొన్నాడు.

సమాజానికి పనికొచ్చే కథలు రాయాలనే తపన మళ్లీ నన్ను కథలు రాయడానికి వుసిగొల్పింది. కాని చాలా సంవత్సరాలు రాయడం ఆపేయడంతో కథ రాయడం కష్టమయ్యింది.పుస్తకాలు చదవడం కూడ పూర్తిగా మానేసాను. ఒకప్పుడు విరివిగా రాసే వాణ్ణి మంచి రయితగా పేరుకూడ వుండేది. ఏ చిన్న సంఘటన నాకు తారస పడ్డా అది కథగా మలిచేవాణ్ణి.

మళ్లీ రాయడం మొదలుపెట్టేక కలం ముందుకు కదలడం లేదు. మళ్లీ చదవడం, సభలకీ సమావేశాలకి హాజరు కావడం జరిగితే బండి గాడిలో పడుతుంది ఓ మిత్రుడు చెప్పాడు. అలాగే పుస్తకాలు చదవడం మొదలు పెట్టాను. వూళ్లో వున్న సాహితి సంస్థల సమావేశాలకి కూడ తప్పకండా హాజరు అవుతున్నాను.

అందులో భాగంగానే ఈ గుళ్లో సమావేశానికి బైల్దేరాను. ఆ సాహితి స్థలానిరి వెళ్లడం అదే మొదటిసారి, గుడి దగ్గరకెళ్లే సరికి నా సమస్య నా చెప్పులు, స్కూటరు దగ్గర వదిలేస్తే ఎవరేనాతీసుకు పోవచ్చు. అది నా అనుభవం కూడ. ఒకసారి గుళ్లో అయిదు నిముషాల పని పండింది. జోళ్ల షాపు దగ్గర వదిలితే డబ్బులివ్వాలి. అయిదు నిముషాల పనికోసం జోళ్ల షాపులో పెట్టడమెందుకని ఒక వారగా పెట్టి లోనకి వెళ్లి విషయం కనుక్కుని వచ్చేసరికి నాజోళ్లు నడిచెళ్లిపోయాయి.

అప్పట్నించి గుడి కెళితే తప్పని సరిగా జోళ్ల షాపు దగ్గర టోకెన్ తీసుకుని వెళ్లడం అలవాటు చేసుకున్నాను. శుక్రవారం అమ్మవారి గుడి చాలా రష్ గా వుంది. జోళ్ల షాపు దగ్గర జనం ఎక్కువగా వున్నారు. మీటింగు మొదలు పెట్టి చాలా సేపయ్యింది. ఆలస్యంగా వచ్చాను నేను. నా చెప్పులు ఎక్కడ పెట్టాలనే సమస్య ఎదురయ్యింది. స్కూటరు డిక్కీలో జోళ్లు పెట్టడం నా కిష్టం లేదు. అందులో అన్నీ పెడతాం. అందుకే మారో మార్గం కోసం వెతుకుతుంటే.. పక్కనే ఒక ముసిల్దాని దగ్గర నాలుగైదు చెప్పులున్నాయి. అక్కడ పెడితే సరి.. అని ఆమె దగ్గర నా చెప్పులు పెట్టి హాల్లోకి నడిచాను.

గుడి వెనక హాల్లో మీటింగు. గుడి ప్రాంగణం దాటి వెళుతూ అమ్మవారికి దణ్ణం పెట్టుకుని లోపలికెళ్లాను. మధ్యలో ఒక సీటు ఖాళీగా వుంది. సభలో చివర్లో కూర్చుంటే బోరు కొడితే నెమ్మదిగా మీటింగు మధ్యలోనే జారిపోవచ్చు. కాని ఎవరో హాలు మధ్యలో సీటు చూపించేసరికి తప్పక అక్కడకెళ్లి కూర్చున్నాను. ఒకరిద్దరు తెలిసిన వాళ్లు మౌనంగానే పలకరించారు. మీటింగు జరుగుతోంది. వక్త చాలా బాగా మాట్లాడుతున్నాడు.

గుళ్లో శయన హారతి మొదలయ్యింది. టైము చూసాను. బహుశా గుడి కట్టేసే సమయం దగ్గరపడుతోందన్నమాట. కిటికీ పక్కనించి గుడి ప్రాంగణం కనిపిస్తోంది. జనం పల్చ బడ్డారు. హారతి అయిపోయింది. మీటింగు మంచిజోరుగా సాగుతోంది వెనుక కూర్చున్న జనం నెమ్మదిగా మాట్లాడకుండా జారుకుంటున్నారు. వేదిక మీద కూర్చున్న మనుషులు అసహనంగా కదులుతున్నారు. వక్త మాట్లాడ్డం అపట్లేదు. ముందు వరసలో కూర్చున్న వాళ్ళు కూడ మాటి మాటికి గడియారాలు చూసుకుంటున్నారు. గుడిలో మనుషులంతా వెళిపోయారు. గుడి కూడ కట్టేసారు. హాలులో పట్టుమని పదిమంది మాత్రమే వున్నారు. మధ్యలో ప్రసాదం కూడ పంచేసారు. అది ఆ గుడి ఆనవాయితీ అన్నారెవరో.

నా మనసు సడన్‌గా నా చెప్పులు మీదకి మళ్లింది. చెప్పుల స్టాండు వారు కూడ కట్టేసి వుంటాడు. హాల్లోద వున్నవాళ్ల చెప్పులెక్కడ పెట్టుకుని వుంటారు. నేను చెప్పులు పెట్టిన ముసలమ్మ వుందో వెళిపోయిందో... టోకెన్ కూడ యివ్వలేదు. అసలామె అడుక్కునేదిలా

The story of civilization is, in a sense, the story of engineering—that long and arduous struggle to make the forces of nature work for man's good— Lyon Sprague DeCamp

వుంది. కొంతమంది చెప్పులు అక్కడ పెట్టేసరికి నేను కూడ అక్కడ నా చెప్పులు వదిలాను. ఆమె నా చెప్పులు పట్టుకెళి పోతే... అడిగేదిక్కెవరు? మీటింగు చివర కొచ్చేసింది. అతను పేరు పేరునా కృతజ్ఞతలు చెప్తూ తన పుపన్యాసం ముగించాడు. ఇకపోతే వందన సమర్పణ. ఇది మామూలే అంతసేపూ వుండి చివరి క్షణంలో లేచి వెళి పోవడం సభా మర్యాద కాదు. వందన సమర్పణ కూడ పూర్తయ్యింది. తెలిసిన ఒకరిద్దరు రచియితలు దగ్గర కొచ్చి పలకరించారు. వాళ్లింకా ఏదో మాట్లాడుతున్నారు. నాకు వెంటనే బైటకి వెళ్లాలని వుంది. అధ్యక్షునికి నన్ను పరిచయం చేసారు ఎవరో అక్కడో మరో అయిదు నిముషాలు ఆలస్యం అంతా బైటకి వెళుతున్నారు. వాళ్ల చెప్పులన్నీ ఆ పక్కనే వున్నాయి. అక్కడ పెట్టుకోవచ్చని నాకు తెలీదు. నేను గబగబ బైటకి నడిచాను. బైట వీధి దీపం కూడ వెలగడం లేదు. చెప్పులస్టాండు కూడ కట్టేసారు. చీకట్లో ముందుకే నడిచాను. చలిగాలి విస్తోంది. చెప్పుల స్టాండు పక్కనే యించాక ఆ ముసల్ది కూర్చుని వుంది. చీకట్లో సరిగా కనిపించడంలేదు. ఆక్కడే వుందో లేక వెళిపోయిందో, నా చెప్పులు వున్నాయో... లేక ఆమె పట్టుకెళిపొయిందో... నాలుగడుగులు ముందుకి వేసాను. ఆ చలిలో ... చీకట్లో ఎవరో మునగ దీసుకు కూర్చున్నట్లు లీలగా కనిపిస్తోంది. ఆమెనా ! లేక అది నాభ్రమా... సందేహం లేదు.. ఆము .. దగ్గరగా వెళ్లాను, ఆమె కట్టుకున్న చీర ఆమె వంటిని పూర్తిగా కప్పలేకపోతోంది. బహుశా ఆ చీరకి చిరుగులు కూడ వున్నాయేమో... చీకటి మూలంగా ఆ చిరుగులు కనిపించడం లేదు. కొన్నిసార్లు చీకటి కూడ మేలు చేస్తుంది. బహుశా అందుకేనేమో ఆమె వెలుగు తక్కువగా వున్న చోట కూర్చుందేమో, మోకాళ్ల చూట్టూ చేతులు ముడుచుకు కూర్చుంది.

ఆమె ఎదురుగా నా చెప్పులు మాత్రమే వున్నాయి. మరే జతా లేదక్కడ. నాగుండు ఝుల్లు మంది. నా చెప్పులు తీసుకుని ఆమె చేతిలో పది రూపాయల నోటు పెట్టాను. చీకట్లో ఆమెకి నేనిచ్చిన నోటు కనిపించిందో... లేదో.. నెమ్మదిగా లేవడానికి ప్రయత్నిస్తోంది. నేనామెకి నా చేయి అందించాను. 'మీటింగుకి వస్తే... చెప్పులు గుళ్లో ఆ వారగా పెట్టుకో వచ్చు బాబూ...' అంటూ నా చేయి అందుకుంది ఆసరా కోసం.

హామీ పత్రం

"చెప్పులు" కథ నా స్వీయరచన. అనువాదం, అనుకరణ కాదని హామీయిస్తున్నాను.

ఇట్లు (అంగర వెంకట శివప్రసాద రావు)

ప్రేమ, స్నేహం, జీవితం

ఎమ్.వి.ఆర్.: నిజాయితీతో గడిపే జీవితం
ఆస్తులు ఇవ్వకపోవచ్చు కానీ
ఆత్మ సంతృప్తిని ఇస్తుంది

ఎమ్.వి.ఆర్. : ప్రేమలో స్నేహం ఉండకపోవచ్చు కానీ నిజమైన
స్నేహంలో మాత్రం ప్రేమ ఉంటుంది.

ఎమ్.వి.ఆర్.: గుండెల్లో రగిలే కసినెప్పుడూ కంటికి చెప్పకు...
కన్నీళ్ళ రూపంలో రాల్చేస్తుంది....

కళ్ళు కనే కలనెప్పుడూ గుండెతోనే చెప్పు....
రగిలే కసిని రెట్టింపు చేస్తుంది...
గుండె గురించీ,
కళ్ళు గురించీ మనసుకెప్పుడూ గొప్పగా చెప్పు....
అవి ఏ రోజు అలిసిపోలేదని...

ఎమ్.వి.ఆర్.: నా మనసు మయూరిలా పురి విప్పి నాట్యం చేస్తుంది....
నువ్వు వర్షించే నీ ప్రేమ చిరుజల్లు కోసం...

ఎమ్.వి.ఆర్. : నువ్వు లేవు అనే మాటలోనూ నువ్వు ఉన్నపుడు..
'లేవు' అనే మాటకు అర్థం లేదు!
కన్పించనంత మాత్రాన గాలి లేదు అనేది ఎంత అబద్దమో కళ్ళెదుట లేని నువ్వు నాలో...
అణువణువుగా ఉన్నావనేది అంతే నిజం!!!
ఎమ్.వి.ఆర్. : ఆకాశం ఎత్తు ఎగిరే మనసు

నేను వేచి ఉన్న తన రాక కోసం చూస్తున్నా....
అప్పుడే నూరే ఈ గాలి తీరు ఆమెను చూసి
మరిచిపోయా నా పేరు....
అడుగు ముందుకు వేసి అడిగా ఒక్క మాట
ఎదలో మొదలయ్యే ఒక్క ఆట....
తనూ ఆ కళ్లతో నన్ను మార్చే...
నా గుండెలో ఒక్క రాయి వేసే....

ఊపిరి బిగించి చూసా... ఆ తియ్యని మాటా విన్న క్షణం....
ఆకాశం ఎత్తు ఎగిరే నా మనసు...

ఎమ్.వి.ఆర్. మదిలో ఒక్క ఆలజడి మనసులో ఒక్క అలికిడి కనులు తెరిస్తే నీ రూపం
మూరిపిస్తుంది నా నారానరం... నా పెదవి పై చిరునవ్వు నీవే నా .....
అది నీవే నా.....
అని ఆరాటపాడే నా అనురాగంలో ప్రతి తలపుకి నా కలలకి వేసి పఘళే మన స్నేహం

ఎమ్.వి.ఆర్. : కలవోద కలువను పోలిన కన్నుల కదలికవో.
శశివో చినుకై కురిసిన వెన్నెల వెల్లువవో
సిరివో సుధపై తాకిన మల్లెల పరిమళమో

చలివో విరిపై విరిసిన గుండెల అలజడివో
మాటకు అందని ఊహల రూపమువో....
నువ్వు వర్ణనకందని సుందర దేవతవో..
శ్వాసను చేరిన మంగళ వాహినివో...
నువ్వు పేకువలోకపు సుమధుర రాగమువో...

ఎవరివి నీవు...
ఎదురుగా భ్రమలా నా మతిపొగోడతావు
ఎవరివి నీవు....
నిదురలో పనిగా తెగ కలవరపెడతావు
రూపం దాల్చి ముందర విలువపే వాలుకనులదానా
మౌనం దాటి తీయగ పలుకవే తేనె తంత్రి వీణా

ఎమ్.వి.ఆర్.: కలగా మిగిలిపోయే జీవితానికి ప్రేమే ఎందుకు ...
ప్రేమంటేనే తెలియని వారికి మనసేందుకు....
మనసు లేని వాళ్ళకి ఆలోచనలేందుకు.....

ఎమ్.వి.ఆర్. : ఏయ్ నినే...
ఎక్కడ నేను చూసిన ఆ చిరునవ్వుల పారిజాత పుష్పా మోము...
మలయమరుతం విచినాప్పుడు అందమైన నీ కురులు...
ఎలాంటి కల్మషం లేని హృదయం....
అరవిరిసిన ఛామంతి చాయలో...
సోగసుల సురసులల మధ్య తడిచి....
అరవిడిచిన కలువ కన్నులతో నీవు ఆలా చూస్తూ ఉంటే...
నా గుండే చాలదేమో ఇంత అందం నీ ఒడిచి పట్టి దాయాటానికి....
ప్రకృతి కూడా ఆసూయ పడుతుంది ఏమో ఈ చిన్న దాని వలపుల వెల్లువకు...
జాణలందరూ కుళ్ళుకొని...
జావాలిగా మారి అలరించే నీ ఆడతనం నీ చూసి...

కె. మధు వంశీ, సి.ఎస్.సి. 15-510.

Department of Civil Engineering

In 1999, after a gap of about 15 years, GVPCoE was the first private engineering college to have started Civil Engineering Department, in the Andhra Pradesh State with an intake of 30 students. The current intake is 120. The department offers two PG programmes, viz., M.Tech(Infrastructural Engineering & Management) and M.Tech(Structural Engineering), with an intake of 18 each. The department has well-qualified faculty and non-teaching staff and well- equipped laboratories to impart training to the students. The department has Civil Engineering computer softwares like STAAD, STRUDS, AUTOCAD, ESTIMATION Software etc.

The pass percentage of the students has been consistently high (over 80%) in all the years. The college has bagged University First Ranks in the years 2003, 2004, 2005 and 2008, 2009. Students are also imparted training on various value-added courses like AutoCAD, STAAD, Total Station Surveying, GIS and GPS technologies. Every year around 10 to 12 of our students are able to get admissions into M.Tech / M.S. program of various IITs/IISc., and in universities abroad. Alumni of the department are working in various organisations, viz., GMR International Airport, Soma Enterprises, Simplex Concrete Piles Ltd, NCC, GAMMON India Ltd, L&T etc. Faculty and staff are encouraged to improve their qualifications. Two faculty have completed their Ph.Ds after joining the college, and 4 more are about to submit their theses. The faculty are also working on both internally & externally-funded R&D projects and have published their research in various journals and conferences. All the faculty of the department are actively involved in consultancy projects, and the department has so far executed consultancy jobs to the tune of Rs. 2.0 crores.

The prestigious consultancy works taken up by the department, to name a few are, ACA-VDCA stadium (PM Palem, Vizag), Rajiv Smruthi Bhavan (Beach Road, Vizag), Construction of underground cavern for HCC, design of plastic diaphragm wall for Polavaram Dam. The department of this college has been identified as one of the four colleges in the Andhra Pradesh State to collaborate with IIT Madras, for imparting training on Capacity Building of Engineers in Earthquake Risk Management. Students of the department have brought laurels by winning prizes in various curricular, co-curricular and extra-curricular activities. The Placement record of the department is very good and students have secured jobs in the best construction companies of India. All these efforts have brought the department in the year 2006, 5-year accreditation by NBA in the very first attempt, based on the recommendation of an inspection committee headed by Prof. Dr. Sridharan of IISc, Bangalore and with Prof. G.V.Rao of IIT Delhi as a member. The department conducts regularly seminars/ workshops/ symposia which provide an opportunity to the faculty and students to update their knowledgebase. The department has successful collaborations with various organizations.

VISION :

To provide excellent Civil Engineering education to make significant contribution to the economic development of the State, Region and Nation

MISSION :

- To produce nationally-competitive undergraduate students for a successful career in Civil Engineering by imparting quality education
- To provide advanced skills and knowledge in state-of-the-art research and design in sub-areas of Civil Engineering and to prepare students to pursue higher studies to seek a professional career or entrepreneurship
- To inculcate in the students the importance of social service, through educational and professional activities, so that they become useful to the society

The black holes of nature are the most perfect macroscopic objects there are in the universe: the only elements in their construction are our concepts of space and time —Subrahmanyan Chandrasekhar

COLLEGE OF ENGINEERING
(AUTONOMOUS)

FACULTY OF CIVIL ENGINEERING

Name & Designation

Dr.Ing. P.S.Rao
B.Tech., M.Tech., Ph.D (Munich)
Advisor, Technical Education and R & D

Prof. N.S.V.V.S.J. Gandhi
B.E., M.Tech. Ph.D(IISc, Bangalore)
Professor

Prof. Dr. Rao Tatavarti
M.S (IIT Madras, India), Ph D (Dalhousie, Canada)
Director and Senior Professor

Prof. Kandarpa Viswanath
M.Sc (Tech.), Ph.D
Professor

Prof. B. V. Sarma
B.E., M.E.
Professor

Prof. A. Kameswara Rao
M.E. (Environmental Engineering (A.U.))
Professor

Prof. C. Chandran
M.E. (Structures(A.U.))
Visiting Professor

Prof. P.Krishnam Raju
M.E. (Structures(A.U.))
Visiting Professor

Prof. P.Veerabhadra Rao
B.E., M.Tech.(JNTU-Anathapur)
Professor

Dr. Srinivas Manchikanti
B.E., M.Tech, Ph.D.(JNTU-Hyderabad)
Professor

Dr. G. Papa Rao
B.Tech., M.E., Ph.D
Professor & Head of the Department

Dr. Ch. Ramesh Naidu
B.Tech., M.Tech.,Ph.D.
Professor

K. Sridhar
B.E., M.E.(AU)
Associate Professor

Sri. V. Mahalakshmi Naidu
B.Tech., M.Tech.(NIT Warangal)(Ph.D)
Assistant Professor

K Padmanabham
B.E., M.E,(Ph.D)
Associate Professor

Dr. L. Venkat
M.Tech., Ph.D (IIT Roorkee)
Associate Professor

Mr. Ch.Suryanarayana
M.Tech.(IIT-Delhi).,(Ph.D)
Assistant Professor

Mrs.N. Rama Kumari, M.Tech.
Assistant Professor

N. Ramakrishna
M.Tech.(Structural Engg)
Assistant Professor

Ms. J.Suma Sree, M.Tech.
Assistant Professor

Ms. D. Preethi
M.E.(Soil Mechanics and Foundation Engineering)
Assistant Professor

Mr. B. Kesava Rao
M.Tech. (Structures)
Assistant Professor

Ms. G. Madhuri, M.E.
Assistant Professor

Mr. V.Ramesh, M.E.
Assistant Professor

Ms. A. Chandrakala
M.Tech (NIT, Nagpur)
Assistant Professor

Mr. D. Pradeep, M.Tech
Assistant Professor

Miss. Y. Bhuvaneswari Devi
M.E. (AU)
Assistant Professor

Mr. Y. Rajesh, M.Tech. (NIT-W)
Assistant Professor

Mr. Y.Pratap, M.Tech.
Assistant Professor

It does not help that some politicians and journalists assume the public is interested only in those aspects of science that promise immediate practical applications to technology or medicine. —Steven Weinberg

Department of Chemical Engineering

The Chemical Engineering Department was established in the year 1996 and was twice accredited by NBA in 2003 and 2008 for 5 years. The Department offers UG & PG course.

It has faculty with good academic and industrial background, who are dynamically engaged in teaching, research and industrial interaction. Presently, out of the 13 faculty members, 7 are Ph. D holders and one awaiting to be conferred Ph.D. About 62 papers have been published in the last 5 years in various international and national journals. The faculty is actively engaged in R & D activities relating to Catalysis, Multi Objective Optimization, Three Phase Fluidization, Fuel Cell, Process control, Membrane separations, Bio Fouling, essential oils, precursors for carbon fibers and Corrosion, synthesis of Nano particles.

The department has the distinction of bagging two AICTE – RPS project worth Rs 20 Lakhs and two AICTE – MODROBS projects worth Rs 20 Lakhs in the last 5 years and successfully completing them. Currently, the faculty are working on a DST funded project on 'Anti Fouling paint failure in ocean going vessels' in collaboration with the Indian Maritime University, Visakhapatnam. Another AICTE – RPS project on 'Production of Mesophase Pitch suitable for making carbon fibers from Coal Tar' has been completed and mesophase pitch with 70% mesophase content suitable for carbon fibers was successfully produced in the lab.

The department is also keeping abreast the students of the present day developments in the application of software for Chemical Engineering by mastering the state of the art software packages like COMSOL for CFD, PRO II for Chemical Process simulation, MATLAB for general simulations and a Real Time Simulator. The students of the department are regularly trained on these softwares so as to enable them in visualizing the various possible scenarios. This has helped many of the students getting offers from companies like FLUENT, Reliance, HPCL, BPCL, Invensys and also being offered 6 summer fellowships in IITs and IISc in the last 5 years.

The department has established a strong industry interaction by the Training Technical Service personnel of HPCL on HYSYS and MACRED INDIA employees in the basics of Chemical Engineering. It is also actively engaged in helping purify industrial solvents of local chemical companies. It has also started an AICTE approved part time B.Tech Chemical engineering from 2012 for employees in and around Visakhapatnam. In the year 2014 training program for VASUDHA Pharma employees was organized in chemical engineering unit operations. The department had also signed MOU with JENGU Water Pvt Ltd. and established RO based pilot desalination plant during the year 2014-15.

The project works taken up by the students during their UG and PG courses are of high quality. One of the projects carried out by the UG students was awarded the best project of GVP- College of Engineering (A) by TCS in the year 2012 and a patent was applied for the "Mosquito Repellent" in 2015. Most of our PG student projects are carried out in collaboration with prestigious organizations like IICT, Hyderabad, NCL – Pune, CPCL – Chennai, BPCL- Hyderabad, Poorna Pragnya Bangalore etc. Three projects in the field of nanotechnology has been taken up by UG students this year.

The Department has full-fledged and well established Process Simulation Lab, Chemical Engineering Laboratories like Heat Transfer, Mass Transfer, Chemical Reaction, Process control, Mechanical unit operations, Fluid mechanics and Chemical Technology which meet the requirements of the undergraduate curriculum. Apart from these regular Labs, the department has also setup a Simulation lab which imparts the students with the knowledge and experience on process simulation, real time control of Distillation Column, Absorber & Stirred Tank Reactor, CFD, Process simulation using PRO-II and MATLAB. The post graduate labs is well equipped with a high pressure PARR reactor, Gas Chromatograph, UV-Spectrophotometer, Photo catalytic reactor, Auto clave, Controlled CSTR and Distillation Column and other equipment to carry out testing of pollutants.

Vision of the Department:

To evolve into a center of higher learning in chemical engineering with experimental and state-of-the art computational facilities for education and research.

Mission of the Department:

- To produce high quality chemical engineers with knowledge and skills suitable to the needs of higher learning, industry and research organizations.
- To meet the technological needs of the economy, environment and society.
- To develop leadership qualities with good communication skills.

Unlike other sciences, sprang originally from delusions and superstitions, and was at its commencement exactly on a par with magic and astrology. —Thomas Thomson

COLLEGE OF ENGINEERING
(AUTONOMOUS)

FACULTY OF CHEMICAL ENGINEERING

Dr. G. MURALI DHAR
Ph.D. (IIT Madras)
Professor

Dr. ADITYA MUKHERJEE
M.S., Ph.D.(Illinois Institute of Technology, Chicago, USA)
Professor

Dr. B.SRINIVAS
M.Tech.,(IIT Bombay), Ph.D.(IIT Kanpur)
Professor

Dr. M.S.N. MURTY
M.Tech., Ph.D. (SVU,Tirupathi)
Professor & Head of the Department

Mr. V.KASI VISWANATHAM
M.Tech. (A.U)
Associate Professor

Dr. J.V.S.MURTY
M.Tech, Ph.D. (A.U)
Associate Professor

Dr. B.SREENIVASULU
M.Tech, Ph.D. (A.U)
Associate Professor

Dr. C.V. NAGESWARA RAO
M.Tech, Ph.D. (A.U)
Associate Professor

Dr.K. Siva Kumar
M.Tech., P.h.D.
(JNTU ANANTAPUR)
Assistant Professor

Mr. B.L.N. RAJU
B.Tech.(A.U)
Assistant Professor

Mrs. S. PADMA
M.Tech.(NIT Rourkela)
Assistant Professor

Mrs. P.J.S. LAKSHMI
M.Tech.(NIT Warangal)
Assistant Professor

Mr.T.Ajeeth Prabhu
M.Tech.(NIT Warangal)
Assistant Professor

House of Volga

Long ago, there lived little Peter on the bank of river Volga.
Orphaned and crippled, always gets amused at the sight of curvy and majestic Volga
Vielle being played by him every dawn and dusk attracts all the voyagers
Elated Peter waited for the one of the miners who waved back at him everyday
Until one day there was no Vielle sound, no waving and giggles of little Peter throughout the Volga
Days passed and the miner's glee faded away when he found out that little Peter was sick
Indurating his heart on his every voyage on the adorable Volga
" Knackish Kelpie have done something" blaming the spirits and waiting for voice of Volga again
Kismet sought out for another plan, sent little Peter back to be the voice of mother Volga
Uttering the words of delightness, the miner saw little Peter as he was running towards him and hugging him.....

Author information was not given

We are storytelling animals, and cannot bear to acknowledge the ordinariness of our daily lives. —Stephen Jay Gould,

Department of Computer Science and Engineering

Welcome to the Computer Science and Engineering at Gayatri Vidya Parishad College of Engineering (GVPCoE). Though Computer Science is traditionally about data processing, its scope is far beyond what the traditional definition implies. It is a field rich in challenges and applications. Computing systems are ubiquitous. We see them and feel their influence in disciplines such as science and engineering, medical systems, manufacturing systems, defense, transportation systems, space, exploration, and many others. Computer Science leads the long tradition of technological developments in our world. The influence and achievements of Computer Science are remarkable and are destined to grow for decades.

Computer Science and Engineering at GVPCoE

At GVPCoE, the education in Computer Science and Engineering will provide you with the understanding and knowledge to grasp the fast changing technologies that impact this fascinating field. This knowledge will enable you to understand, foresee, and influence the great changes and challenges that Computer Science presents to the world, now and in the future.

The department of Computer Science and Engineering resides in the mid section of the beautiful elongated U shaped building at Gayatri Vidya Parishad College of Engineering, Madhurawada. In addition to the class room facilities, this striking building houses college's computing activities. Faculty, staff, and students are provided with the state-of-the-art computing facilities.

The Department of Computer Science and Engineering offers Bachelor of Technology and Master of Technology programs. The undergraduate program is designed to reinforce student's educational breadth with specialized areas such as Discrete Mathematical Structures, Digital Logic and Design, Object Oriented Programming, Formal Languages and Automata Theory, Computer Security, Network Security and Cryptography, Artificial Intelligence, Computer Graphics - just to name a few from a long list of exciting topics. The Masters program, rich in content, is taught by top-notch faculty from excellent universities from around the globe.

Undergraduates take Industry Oriented Mini Project at the end of third year of the four year program. Further, the students shall pursue one semester of faculty-supervised independent study, working either on a project of their own choice or on a faculty-sponsored research project. The innovative nature of the project challenges the students' intellectual bent of mind.

The department also provides a wealth of opportunities for undergraduate as well as graduate research in computer science. Students at the college pursue research in a number of areas such as Robotics, Security Algorithms, Image Processing, Search Algorithms, Network Security, Fuzzy Sets, and Bio-Informatics, etc. Our established coordination with international companies such as IBM and CISCO provides an unusual opportunity for advanced research both in traditional "core" computer science and in areas combining computer science with fields such as applied mathematics, engineering, medicine, economics, and biological sciences.

Things are as they are because they were as they were. —Thomas Gold

Why Study Computer Science at GVPCoE ?

GVPCoE offers excellent opportunities for students to study state-of-the-art topics and perform state-of-the-art research. These are the stepping stones for superb employment opportunities. GVPCoE graduating students have the highest placement figures with excellent starting salaries. Companies like TCS, WIPRO, Oracle, IBM, L&T recruit our students to challenging opportunities across the nation and internationally. We have friendly staff committed to the best international standards of university education. We are an institution with a high degree of success rate, low dropout rate, and excellent student support.

What Will I Learn/Get at GVPCoE ?

- Learn Computer science principles and how they relate to engineering
- Get practical experience in the application of programming for real world applications
- Learn closely related areas such as text mining, data mining, Artificial Intelligence, Neural Networks, Computer and Network Security, Mobile Computing, Embedded Computing, Software Development Engineering etc.
- Insight into future computing technologies and how they shape the future
- Project Management experience
- Learn to become a team player
- Oral and written communication skills
- Literature searching skills
- Learn to think and express logically
- Self motivation

VISION

To evolve into an advanced learning centre of Computer Science and Engineering.

Mission

- To produce highly qualified and motivated graduates possessing fundamental knowledge of Computer Science and Engineering who can provide leadership and service to the Nation.
- To inculcate professional behavior, strong ethical values and trans-disciplinary research capabilities in the young minds.

PROGRAMMES OFFERED

1. B.Tech (Computer Science & Engineering)
2. M.Tech (Computer Science & Engineering)
3. M.Tech (Cyber Security)

Archimedes' finding that the crown was of gold was a discovery; but he invented the method of determining the density of solids. Indeed, discoverers must generally be inventors; though inventors are not necessarily discoverers.—William Ramsay

COLLEGE OF ENGINEERING (AUTONOMOUS)

Faculty of Computer Science and Engineering

Dr. V. Seshagiri Rao
M.S., Ph.D.(Virginia University, USA)

Professor. Dr. D. Ravi
M.Tech., Ph.D.(IISc, Bangalore)

Professor. Dr. P. Krishna Subba Rao
M.Tech.,Ph.D.(ANU)
Professor and Head of the Department

Mr. D.Murali Krishna
M.A.(AU)
Visiting Professor

Professor. Dr. Shanti Chilukuri
Ph.D.(IIT, Bombay)

Professor Prof. J. Madanmohanram
M.E.,P.G.D.I.E(NITIE-Bombay)

Mr. N.V. Brahmaji Rao
M.Tech.(IIT Kanpur)
Associate Professor

Mr. P.Aravind
B.Tech., M.Tech.,(Ph.D)
Associate Professor

Mr. N.V.S. Lakshmipathi Raju
M.Tech.,(Ph.D)
Associate Professor

Mr. S.R.M.Krishna
B.Tech.,M.Tech.,(Ph.D)
Assistant Professor

Ms. K. Sudha
B.Tech.,M.Tech.,(Ph.D)
Assistant Professor

Ms. P. Sravya
B.Tech.,M.Tech.,(Ph.D)
Assistant Professor

Ms. G.V. Hindumathi
B.Tech.,M.Tech.,(Ph.D)
Assistant Professor

Ms. Geetanjali Nayak
B.Tech.,M.Tech.(BPUT)
Assistant Professor

Mr. Y.V.Ramanjaneyulu
M.Tech., (Ph.D)
Assistant Professor

Mrs. V. Tulasi
B.Tech., M.Tech.
Assistant Professor

Ms. N. Sandhya Rani
B.Tech., M.Tech.(JNTU-VZM)
Assistant Professor

Mr. N. Durga Prasad
B.Tech., M.Tech.
Assistant Professor

Mr. P. Sanoop Kumar
B.Tech., M.Tech.(AU)
Assistant Professor

Ms. E. Sirisha
B.Tech., M.Tech.(AU)
Assistant Professor

Mr. N.S.S.S. Girish Kumar
M.Tech.(GITAM)
Assistant Professor

Mr. Ch. Avinash
M.Tech.(JNTU-K)
Assistant Professor

Mr. K. Soma Sekhar
M.Tech.(JNTU-H)
Assistant Professor

Mr. M.S.N. Murthy
M.Tech.(JNTU-K)
Assistant Professor

Ms. G. Rohini
M.Tech.(JNTU-K)
Assistant Professor

Mr. D. Praveen
M.S (Sweden) & M.Tech.(AU)
Assistant Professor

Ms. J.B.Pavana Jyothi
M.Tech.
Assistant Professor

Ms. G.Vani
M.Tech.(A.U)
Assistant Professor

Mr. A.Ajay Kumar
M.Tech.
Assistant Professor

Miss. Rani Sesha Bhargavi
M.Tech.
Assistant Professor

Miss. K. Sowjanya Naidu
M.Tech.
Assistant Professor

Miss. P. Malleswari
M.Tech.
Assistant Professor

Miss. V. Lokeshwari Vinya
M.Tech.,(Ph.D)
Assistant Professor

Miss. K. Beulah
B.Tech., M.Tech.,(Ph.D)
Assistant Professor

Mr. Y. Vishnu Tej
M.Tech.
Assistant Professor

Miss. P. Sai Deepika
B.Tech., M.Tech.,(Ph.D)
Assistant Professor

Miss. K. Suma Sree
M.Tech.
Assistant Professor

Ms. Lateefa Shaik
M.Tech.
Assistant Professor

Mr. P. Rahul
M.Tech.
Assistant Professor

The only way to do great work is to love what you do. –Steve Jobs

Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering at GVP College of Engineering, Visakhapatnam was established in the year 2000. The Department offers UG Programme with an intake of 240 and two PG Programs in Communications Engineering & Signal Processing and VLSI Design & Embedded Systems with an intake of 18 . UG Programme is reaccredited by National Board of Accreditation. Both UG and PG Programmes are approved by AICTE and are affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada. The department was recognized as research centre in the year 2014.

The department is functioning with 40 faculty members among whom 6 are Ph. D holders and 10 are pursuing PhDs and remaining are M.Tech holders from NITs and reputed universities. All the PhD holders have research scholars to pursue research in their respective areas.

Faculty attend workshops, conferences and faculty development programmes being conducted at IITs, NITs and Universities and have published papers in reputed national and international journals. The department has completed Projects worth 40 Lakhs sanctioned by AICTE and R & D organizations.

The Faculty members have made a mark in the area of Innovative Hardware Design, Modelling & Analysis and developing new techniques and Algorithms in the fields of Communication Systems and Wireless Network, Signal and Image Processing and VLSI Design.

The department has adequate hardware to support academic and research related activities. Analytical and simulation tools like Cadence, Xilinx, LABView, Multisim, MATlab, CCStudio, ARM cortex M3 are available to carry out R&D Activities.

The department is associated with professional bodies IEEE and IETE through student branches. Association of Electronics and Communication Engineering (AECE) is a departmental student forum which aims to interact with the technical environs. This forum is an initiative of students and the department fully supports all the initiatives for successful achievements by AECE. To impart the needed technical knowledge, students are encouraged to get hands on experience through conduct of Hardware- Exhibition frequently and are motivated to present innovative ideas and attend Symposiums organized by reputed institutes like IITs, NITs and research organizations. Our students are working in Engineering Services, R&D organizations like ISRO, DRDO and Google, Lucent –Alcatel, Motorola, Intel, TEXAS Instruments, IBM, BOSCH, Analog Devices, Tata Elxi, Samsung, have taken up Post Graduate Programs in reputed Institutions in IISc, IITs, NITs, various Foreign Universities. Some of the Alumni have ventured into Entrepreneurial area and are successfully running the businesses.

There is no law except the law that there is no law. —John Archibald Wheeler

Faculty of Electronics and Communications Engineering

COLLEGE OF ENGINEERING (AUTONOMOUS)

VISION :

The vision of Electronic and Communications Engineering Department is to be in the lead to create and develop professional and intellectual human capital in electronics and communication engineering and applications in order to foster the technological, economic and social enrichment of the state and the nation and to contribute to global village connectivity

MISSION :

· To play professional role to create, develop, organise and manage complex technologies and products, contribute to the betterment of society and evolve better quality of living in a world increasingly influenced by scientific and technological innovation.

· To provide students of E & C Engineering an environment of academic freedom that will insure the exchange of ideas and the dissemination of knowledge in this discipline.

· To recognize as a place that encourages research excellence and diversity in thought and endeavor in multidisciplinary applications

Dr. N. Bala Subrahmanyam, B.E., M.E., Ph.D, MISTE, MIETE
Professor & HoD

Dr. M.V.S. Sairam, B.E., M.E., Ph.D, MISTE, MIE
Professor

Dr. D. B Venkat Jagannadham, Ph.D, Professor

Dr. Birendra Biswal, Ph.D
Professor

Dr. N. Deepika Rani, Ph.D
Professor

Dr. B. Jagadeesh, Ph.D
Associate Professor

Ms. V. Leela Rani , M.Tech,
Associate Professor

Ms. Ch. Phanisri, M.Tech,
Associate Professor

Mr. K. R. K. Sastry, M.Tech,
Associate Professor

Dr. Ch. KusumaKumari, Ph.D,
Associate Professor

Dr. B.S Rao, Ph.D,
Associate Professor

Dr. Debasish Bera, Ph.D, Associate Professor

Mr. G. Rajeswara Rao, M.Tech,
Assistant Professor

Ms. P. Aruna Kumari, M.Tech,
Assistant Professor

Mr. P. Srinu, M.Tech,
Assistant Professor

Ms. A. Naga Malli, M.Tech,
Assistant Professor

Mr. Sagara Pandu, M.Tech,
Assistant Professor

Mr. S. Sagar Krishna, M.Tech,
Assistant Professor

Mr. K. Naresh Kumar, M.Tech,
Assistant Professor

Mr. K. Satya Krishna Murthy, M.Tech,
Assistant Professor

Mr. G. Anand Kumar, M.Tech,
Assistant Professor

Mr. N. Santosh Kumar, M.Tech, Assistant Professor

Ms. M. Neelima, M.E,
Assistant Professor

Ms. G. RadhaKumari, M.Tech,
Assistant Professor

Mr. S.M.K. Chaitanya, M.Tech,
Assistant Professor

Mr. N. Venkatesh, M.Tech,

Falsity in intellectual action is intellectual immorality. —Thomas Chrowder Chamberlin

Faculty of Electronics and Communications Engineering

Assistant Professor
Mr. Ch. Venkanna, M.Tech,
Assistant Professor
Mr. R. Manoj Kumar, M.Tech,
Assistant Professor
Mr. M. Sreenivasulu, M.Tech,
Assistant Professor
Ms.B.Keerthi Priya, M.Tech,
Assistant Professor
Mr .T. Ravindra, M.Tech,
Assistant Professor
Mr. D. Sita Siva, M.Tech,
Assistant Professor
Ms. P. Pavani, M.Tech,
Assistant Professor
Ms. N. Santoshi, M.Tech,
Assistant Professor
Dr. T. Vidhyavathi, Ph.D,
Assistant Professor
Ms. K. Jhansi Rani, M.Tech,
Assistant Professor
Ms. U. Divyasree, M.Tech,
Assistant Professor
Mr. B.R. Mohana Krishna, M.Tech,
Assistant Professor
Ms. R. Suneetha, M.Tech,
Assistant Professor
Ms. A. M. Ch. Jyothi, M.Tech,
Assistant Professor
Ms. A Rajasree, M.Tech,
Assistant Professor

వందనం

విద్యుత్ విద్యను నేర్పిన గొవిందరావులకు వందనం
గంగా నదిలో చంద్రిక రూపమై
భానుని భాస్కర ప్రతాపమై
స్వచ్ఛంగా మా భవితను రూపొందించిన

గురువులకు వందనం
వందనం వందనం వందనం వందనం

విద్యలో వేదాలను లహరించి సత్యంగా
నరులమైన మమ్మల్ని నరసింహులుగా చెసీ
మంచికి దాసులుగా చైతన్యులుగా చెసీ
ఎన్నో రంగాలలో రాజులుగా చెసిన |గురువులకు వందనం|

ఈ పవన పయనంలో వచే దుర్గాలను
తెజో రవి కిరనాలు తాకని కొండలను
రాజీ పడకుండా రామునిలా దాటీ
రమ్యసిరులను పొందుటకు సహకరించిన |గురువులకు వందనం|

మాతప్పులను వేంకటించీ శేఖరులుగా చెసీ
శ్రీకాంత పార్వతీశులుగా రాణులుగా మలిచీ
విజయ వనిత కుమారులుగా
సుస్మితంగా మా భవితనూ రూపించిన |గురువులకు వందనం|

E.JEEVAN YADHIDYA, B, 3rd EEE, 1

Success is going from failure to failure without losing your enthusiasm." ~Winston Churchill

Department of Electrical and Electronics Engineering

The department of Electrical & Electronics Engineering was established since the inception of the college in the year 1996. The department offers an under graduate program with an intake of 120students. A Post Graduate program in Power System and Control Automation was started in the year 2004 with an intake of 18 and the present intake is increased to 30. A new PG program in Power Electronics & Drives is being started in the academic year 2012 – 13. The department has been reaccredited for 3 years in 2011. The faculty members of the department are a combination of both high qualification and experience (industrial & academic). Department has well equipped laboratories with a total investment of more than 2.5 Crores.

Senior professors not only guide the students & young faculty of the department but also give guest lectures in several colleges and industries in India & abroad. The department is also offering consultancy services in and around Visakhapatnam.

The department is actively engaged in research. The efforts are directed towards reorienting the laboratories to establish close relation with industry. The department has been organizing a number of short term training programs, seminars, workshops, guest lectures by experts and student fests frequently. Faculty members are encouraged to participate in short term courses and workshops by the management of the college. Many of our alumni are pursuing their higher students in IITs and reputed universities, abroad. More than 90% of the eligible students are being placed in reputed companies in every year. Department has a student's society which organizes cultural & literary competitions for the students. Their activities are financially supported by the college. The department of EEE offers many courses that can be chosen as electives by the students of the other departments. The curriculum has been designed to take the college to levels on par with advanced institutes. The department is working for the improvement of Industry – Institute Interaction in terms of academics & research and also for the development of infrastructure to match the needs of the industry. The department is striving hard to attain & sustain as a centre of excellence in Electrical engineering education & research with a holistic approach.

VISION OF THE DEPARTMENT

To be a Center of High Quality Education and Research in the field of Electrical and Electronics Engineering.

Understanding the history of matter and searching for its most interesting forms, such as galaxies, stars, planets and life, seems a suitable use for our intelligence. —Robert Kirshner

MISSION OF THE DEPARTMENT

- To impart high quality education and enhance students' skills to meet the upcoming needs by introducing concurrent trends in curriculum and through collaborative industry-institute interaction.
- To promote creativity and innovation among faculty and students through development of research facilities.
- To mould the students into responsible citizens with social, ethical and environmental awareness.

PROGRAMMES OFFERED

1. B.Tech (Electrical and Electronics Engineering)
2. M.Tech (Power System Control and Automation)
3. M.Tech (Power Electronics and Drives)

Faculty of Electrical and Electronics Engineering

Dr. G.Govinda Rao
B.E.,M.E.,Ph.D.(IISc.,Bangalore)
Sr. Professor

Dr. Sastry V. Vedula
Ph.D., FNAE, Sr. Member IEEE(Life)
Sr. Professor

Dr. C.V.K. Bhanu
B.E., M.E.,Ph.D.(JNTU, Kakinada)
Professor

Dr. K. Narasimha Rao
M.Tech., Ph.D., MIEEE, MIE, MISTE.
Professor & Head

Dr. K. Parvatisam
B.E., M.E.,Ph.D.(AU)
Professor

Mr. T.Siva Prasad
M.Tech.(AU)
Professor

Dr. G.V.E. Satish Kumar
M.Tech. (NIT Durgapur),
Ph.D (NIT, Allahabad)
Professor

Dr. T.S. Sirish
M.Tech (NITC), PhD (NITC)
Professor

Dr. V. Bapi Raju
M.Tech (IIT-Kanpur), PhD (IIT-Delhi)
Professor

Mr. Prasanth Kumar Das
M.Tech.(NIT Warangal)
Associate Professor

Mr. D. Ramesh
B.Tech.(AU)
Assistant Professor

Mr. A.Ravi Shankar
B.Tech., M.Tech.(NIT, Jamshedpur)
Assistant Professor

Mr. A.S.R. Sekhar
B.Tech.,M.E.(AU)
Assistant Professor

Mr. P. PAWAN PUTHRA
B.Tech., M.Tech.(VIT)
Assistant Professor

Mr. K. Ravi Kumar
M.Tech.
Assistant Professor

Mr. Chinna Venkata Kondiah
M.Tech.(NIT, Calicut)
Assistant Professor

Faculty of Electrical and Electronics Engineering

K.S.R. Rajeshwara Rao
M.Tech.(VIT)
Assistant Professor

Mr. D. Bala Bhaskar
M.E.(AU)
Assistant Professor

Ms. G. Vanitha
M.E.(AU)
Assistant Professor

Mr. Ch. Venkata Rao
M.Tech.(JNTU-K)
Assistant Professor

Mr. P. Sai Kumar
M.Tech.
Assistant Professor

Mr. G Surya Chandra
M.Tech.(NIT-Trichy)
Assistant Professor

Mrs. A. Susmitha
M.Tech.(NIT-Trichy)
Assistant Professor

Mr. K. Durga Malleswara Rao
M.Tech.
Assistant Professor

Mr. K. Srikanth
MS(Univ.of Missouri,USA)
Assistant Professor

Mr. N.J. Ramakrishna
M.E.(AU)
Assistant Professor

Mrs. J. Usha Rani
M.Tech.
Assistant Professor

Miss. M.V. Pankaj Lahari
M.Tech.
Assistant Professor

Miss. D. Ganga Bhavani
M.Tech.
Assistant Professor

Miss. V. Chandrika
M.Tech.
Assistant Professor

Mr. P. Tejeswara Rao
M.Tech.
Assistant Professor

Mr. P. Anantha Chaitanya
M.Tech.
Assistant Professor

Department of Information Technology

The Department of Information Technology was established in the year 1999 with an annual intake of 40 students at Undergraduate level which was later increased to 120 students. The department is also sanctioned with M.Tech in software engineering with an intake of 18 in 2008. The department was accredited in 2006 for three years by NBA-AICTE committee and was reaccredited for 3 more years in the year 2011. The department was accredited by NAAC in the year 2010 and re-accredited in 2016.

The department is functioning with 22 faculty members, who have specialized in diverse fields of Computer Science & Information Technology. The department is enriched with 3 PhD holders and some of the faculty members pursuing their PhD's. Some of the faculty members are SUN Micro Systems Certified java professionals and some are trained and certified in java by IIIT Hyderabad. Faculties have attended various workshops being conducted at various IIT's, IIIT's & NIT's. Majority of the faculty are certified in one or more IBM technologies like IBM DB2 V9, R.F.T, and RAD etc.

COLLEGE OF ENGINEERING (AUTONOMOUS)

Department of Information Technology

VISION OF THE DEPARTMENT

- To become a Center of Learning and Research in the field of Information Technology.

MISSION OF THE DEPARTMENT

- To produce high quality technocrats with original thinking and self-reliance in the application of Information Technology to serve the needs of the Society.
- To foster research and development activities in the field of Information Technology and its allied areas.

PROGRAMMES OFFERED

1. **B.Tech. (Information Technology)**
2. **M.Tech. (Software Engineering)**

Faculty of Information Technology :

Dr. M.N. Seetaramanath
Ph.D.(AU)
Sr. Professor

Dr. K.B.Madhuri
M.Tech., Ph.D.(JNTU-H)
Professor & Head

Dr. M. Phani Krishna Kishore
Ph.D(AU)
Professor

Dr. P. Prapoorna Roja
Ph.D(JNTU-H)
Professor

Mr. R.V.V.Murali Krishna
B.Tech.,M.Tech.(AU)
Associate Professor

Mr. S.Kanthi Kiran
B.Tech., M.Tech.(JNTU-K)
Associate Professor

Mrs. CH.Sita Kumari
B.Tech., M.Tech.(AU)
Sr. Assistant Professor

Mrs. B.Jaya Lakshmi
B.Tech.,M.Tech.(AU)
Assistant Professor

Mrs. M.Chandra Jyostna
B.Tech., M.Tech.(JNTU-K)
Assistant Professor

Mr. S.Y Pavan Kumar
B.Tech., M.Tech.(JNTU-K)
Assistant Professor

Mr. D. Naga Tej
M.Tech.(GITAM)
Assistant Professor

Mr. I.V.S. Venugopal
B.Tech., M.Tech.(JNTU-K)
Assistant Professor

Smt. K.K. Sandhya Rani
B.Tech.,M.Tech.(AU)
Assistant Professor

Ms.. A.S.Lalitha
M.Tech(Univ. of Hyderabad)
Assistant Professor

You must be the change you wish to see in the world." ~Gandhi

COLLEGE OF ENGINEERING (AUTONOMOUS)

Faculty of Information Technology :

Mr. P. Praveen Kumar
M.Tech.(GITAM)
Assistant Professor

Mr. Ch. Rajesh
M.Tech.(AU)
Assistant Professor

Mr. K.V.S.Satya Prakash
M.Tech.(GITAM)
Assistant Professor

Mrs. D.Uma Devi
M.Tech.(AU)., (Ph.D)
Assistant Professor

Mr. Sagar Sathuluri
M.Tech.(GITAM)
Assistant Professor

Mrs. G.Usha Rani
M.Tech.
Assistant Professor

Mr. B. Srinu
M.Tech.(Tezpur Central University)
Assistant Professor

Miss. D.Soujanya
M.Tech.(A.U)
Assistant Professor

Mr. D. Arun Kumar
M.Tech.(JNTU-K)
Assistant Professor

Miss. B.Pranalini
M.Tech.
Assistant Professor

Mr. Ch. Srikanth Varma
M.Tech.(AU)
Assistant Professor

Mrs. Dr. D.N.D.Harini
M.Tech., Ph.D
Assistant Professor

Mr. K. Harikrishnasairaj
M.Tech.(JNTUK),(Ph.D)
Assistant Professor

Department of Mechanical Engineering

The department of Mechanical Engineering has been in existence since the inception of the college in the year 1996. The department offers an under graduate program with an intake of 240 students. The Department is also offering three Post Graduate programs in CAD/CAM, CAAD, and Thermal Engineering with an intake of 18 per each specialization. The department has been reaccredited with NBA. The faculty members of the department are a combination of both high qualification and experience (industrial and academic). Professors: 06, Associate Professors: 05, Assistant Professors: 25. The Department received financial assistance of Rs 74.74 Lakhs from various organizations like AICTE, DRDO, and NSTL. Publications of faculty: 90+ Research Publications / papers appeared in International and National Journals / Conferences (viz. IEEE-Robotics, ASME, IJAMT, IJHMT etc). A patent has been granted to the department for an invention entitled "FLEXIBLE CONTACT TUBE FOR ROTATION ARC WELDING" (Patent No: 206453 Dt. 02/07/2004).

VISION :

To become a sought after center for higher learning and application in the field of Mechanical Engineering

"There is only one success: to be able to spend your life in your own way." ~Christopher Morley

COLLEGE OF ENGINEERING (AUTONOMOUS)

Department of Mechanical Engineering

MISSION :

- To produce competent and responsible mechanical engineering graduates and post graduates by imparting quality and value based education
- To prepare students for professional career and guide them for entrepreneurship and higher studies including research
- To motivate the young minds towards services beneficial to the society through their academic and professional activities

PROGRAMME EDUCATIONAL OBJECTIVES

1. Pursue successful careers or higher studies in mechanical engineering through their strong foundation in mathematics, science and engineering.
2. Analyze and design appropriate solutions for socially relevant problems by using current engineering techniques and tools.
3. Engage in professional development through effective communication, team work and lifelong learning.

Faculty of Mechanical Engineering

Prof. Dr. A.B. Koteswara Rao
M.Tech.(NIT-Warangal), Ph.D.(IIT-Delhi)
Professor & Principal

Sri. K.Ramakrishna
B.E.,M.Tech.(Material Handling),IIT-Madras
Professor

Dr. B.Govinda Rao
B.E., M.E.(Heat Transfer).,Ph.D.
Professor and Head of the Department

Sri. D. Varada Raju
M.Tech.(Machine Dynamics)
Professor

Dr. V. Dharma Rao, M.Tech., Ph.D.
Professor

Dr. B V Ramana Murty , M.Tech., Ph.D.
Professor, Dean Academic (UG)

Dr. K.V. Bhaskara Sarma
M.Tech., Ph.D.
Visiting Professor

Dr. D.V.N.J.Jagannadha Rao
M.Tech., Ph.D.(Welding)
Associate Professor

Dr. Sanjay Kumar
M.Tech.(CAD/CAM).,Ph.D.
Associate Professor

Dr. Y. Seetharama Rao
M.E.(Machine Dynamics)
Associate Professor

Mrs. B. Vijaya Lakshmi
M.E.(Heat Transfer)
Associate Professor

Dr. S. Rama Krishna
M.Tech. (Machine Design),Ph.D.
Associate Professor

Mrs. K. Manikya Kanti
B.Tech., M.Tech.(CAD/CAM).,(Ph.D)
Assistant Professor

Sri S. Shankar Ganesh
B.E., M.Tech.(Ph.D.)
Assistant Professor

Sri M. Bhaskar Kumar
B.E., M.E., (Ph.D.)
Assistant Professor

Ms. N. Naga Lakshmi
B.Tech., M.Tech.,(Ph.D.)
Assistant Professor

Sri B. Sridhar Reddy
B.E., M.Tech.
Assistant Professor

"Keep your face to the sunshine and you can never see the shadow." ~Helen Keller

Faculty of Mechanical Engineering

Ms. I. Suneetha
B.Tech., M.Tech.
Assistant Professor

Mr. Ajith Burra
B.Tech., M.Tech.
Assistant Professor

Mr. Ch. Naga Satya Kirti
B.Tech., M.Tech.
Assistant Professor

Ms. K. Prasanthi, M.Tech.
Assistant Professor

Mr.M.V.N.Srujan Manohar
M.Tech.(JNTU-K)
Assistant Professor

Ms. V Sireesha, M.E.(AU)
Assistant Professor

Mr.Raghavendra Kilari
M.E.(AU)
Assistant Professor

Mr.Vamsi Krishna, M.Tech.
Assistant Professor

Mr. P. Sateesh, M.Tech.
Assistant Professor

Mr. Tejesh Tutaram, M.Tech.
Assistant Professor

Mr. Maruvada Tarun, M.Tech.
Assistant Professor

Mr. P. Krishna Kiran,
M.S.(U.S.A)(Ph.D)
Assistant Professor

Mr. A. Shanmukh Sudhir,
M.E.,(Ph.D)
Assistant Professor

Mr. M. Ram Gopal Sekhar,
M.Tech.
Assistant Professor

Mr. Y. Datta Bharadwaz, M.Tech.
Assistant Professor

Ms. A. Aswani Kumari, M.Tech.
Assistant Professor

Ms. A. Padmaja, M.Tech.
Assistant Professor

Mr. P.H.J. Venkatesh, M.E.
Assistant Professor

Mr. K.J. Rao, M.E.
Assistant Professor

Department of Master of Computer Applications

The Department of computer Applications was established in the year 2004 with an annual intake of 60 students at postgraduate level. The department is functioning with 11 faculty members, who are specialized in diverse fields of Computer Science. The department is enriched with 1 PhD holder and two faculty members are pursuing PhD's. Some of the faculty members are SUN Micro Systems Certified java professionals and some are trained and certified in java by IIIT Hyderabad. Faculties have attended various workshops being conducted at various Institutions like NIT's. Majority of the faculty are certified in one or more IBM technologies like IBM DB2 V9, R.F.T, and RAD etc.

Goals of the department:

- To produce quality Computer Applications postgraduates who would be original in thinking, innovative in approach, and self reliant in technology and would serve the needs of the society and country in the years to come.
- To enhance industry institute interaction.
- To foster research and development activities in the department.
- To develop and Design Computer Applications for the benefit of the society and Department.

Areas of Research:

• Data Mining • Information Security
•Text Mining • Embedded Systems

COLLEGE OF ENGINEERING
(AUTONOMOUS)

Department of Master of Computer Applications

Departmental MOUs:

- The department holds an MOU with TCS. Every year selected merit students in P.G program are doing their project work in TCS.

- The department is playing a key role in the activities of IBM center of excellence. The department is coordinating with the placement department in conducting IBM training programs and IBM certification exams. Every year several students from III year and IV year are getting certified in IBM technologies.

Additional Programs to the Students:

To provide our students with an additional advantage, we are offering, through experts, value added programs such as CCNA course for networking and CIT course to increase employability opportunities of students.

Achievements:

- Highest number of campus placements during last 3 years.
- One Faculty obtained mastery in the courses "Computational thinking" and "java programming" conducted by IIIT Hyderabad in the year 2011.
- Repeated Number of times getting 100% pass result in 4th, 5th and 6th Semester of MCA in the past 3 years.
- Highest level of satisfaction from the parents and students who passed out of this department with jobs in the campus placements and off campus placements.
- Very good feedback from the industry about the students who got placed in various Software companies.

Faculty of Computer Applications

Mr. G.S. Mallikarjuna Rao
M.Tech(CST),M.E(I.E)
Associate Professor & Head

Dr. S. Ravi Shankar
Ph.D(Management),
M.C.A, M.B.A, GMP (IIMB),
PM Certified
Director and Associate Professor

Ms. B. Ratnamala , M.C.A., M.Tech.
Assistant Professor

Mr. A. Prakasa Rao, M.C.A.
Assistant Professor

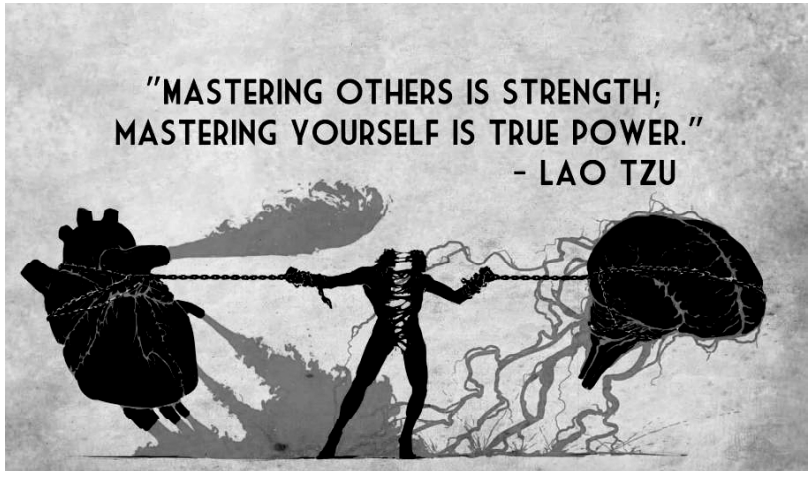
Mrs. V. Lakshmi, M.C.A.,
M.Tech.
Assistant Professor

Mr. M.P.J. Santosh Kumar
M.Sc.,M.Tech.,(Ph.D)
Assistant Professor &
System and Network Administrator

Mr.P.V.V.R. Chandra Sekhar
MCA., M.Tech
Assistant Professor

Mr. M. Kishore, M.C.A.
Assistant Professor

Mrs. S. Bharathi,
M.Tech Assistant Professor



"Make each day your masterpiece." ~John Wooden

Department of Mathematics

The department offers 12 mathematics courses at UG and PG levels in all engineering departments. The department has been conducting seminars, workshops and guest lectures by eminent people from R&D organizations regularly.

The department works in collaboration with the Prof. V. Laksmikantham Institute for Advanced Studies. It arranged a series of lectures by Professor V. Laksmikantham in 2007. It organized two international conferences on 'Recent Advances in Mathematical Sciences and Applications' in 2009 and 2013 where delegates from all over the world took active part. It further organized national level workshops and conferences in 2012 and 2014 respectively. To motivate and encourage students, two programs , one on Modern Utility of Vedic Science with ISERVE in 2011 and the other on, ' Methods of Fast Computing using Vedic Mathematics'were conducted. The department had two projects, one funded by DST and the other by National Board of Higher Mathematics, Department of Atomic Energy. Recently, the Dept. is recognized as a Research Center of JNTU (K). The department is very active both in academics and in research and participates enthusiastically in all activities of the college.

Faculty of Mathematics :

Sri P.V.Ramana Reddy
M.Sc., M.Phil.
Associate Professor

Dr. R.V.G.Ravi Kumar
M.Sc., Ph.D.
Associate Professor & Head and Controller of Examinations (Autonomous)

Sri A.R.J. Srikanth, M.Sc.
Assistant Professor

Sri N. Giri Babu, M.Sc.
Assistant Professor

Sri Ch.V. Sreedhar, M.Sc.
Assistant Professor

Dr. S.S.Ayyappa Sastri, M.Sc., Ph.D.
Assistant Professor

Mr. N.Ch. N. Suresh , M.Sc.
Assistant Professor

Mr. Ch. Appala Naidu, M.Sc.
Assistant Professor

Mr. I.S.N.R.G. Bharat, M.Sc.
Assistant Professor

Mr. S.Srinivasa Rao, M.Sc.
Assistant Professor

Dr. J. Sathish, M.Sc.,M.Phil.,Ph.D.
Assistant Professor

Department of Physics

The department has 5 Ph.D. on its rolls. The spacious Physics Laboratory meet the perplexing requirements of the students of all branches. The facilities like Optics Lab helps the students to explore the physical phenomenon being taught in the theory classes. The apparatus like semiconductor laser diffraction, Stewart and Gee apparatus, Planck's constant apparatus etc are really worthwhile in practical understanding the fundamental concepts of Physics and their Engineering applications. The department is conducting workshops and seminars in regular intervals and also conducted "Two Week ISTE STTP on Engineering Physics" collaboration with IIT Bombay. One of the faculty member Dr. R. Praveena was felicitated with Young Scientist award by A.P. and Telengana States. One of the faculty deputed to IIT Kharagapur to carryout research under QIP. Three faculty are supervising Ph.D. students under JNT University, Kakinada

Almost all the Physics Faculty are doing their research at Center for Nano Science and Technology with four Projects to a tune of 48 lakhs by funding agencies UGC, DST, DAE-BRNS. The research activities are going on the field of Condensed Matter Physics, Photo Luminescence and gas sensors. The faculty published around 30 papers in Journals of National and International repute.

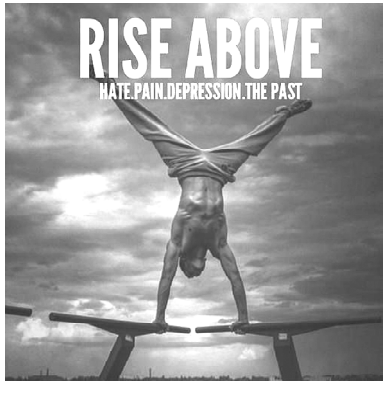
Dr. Y.V.P.K. Raghava
M.Sc., Ph.D., MISTE., MIETE
Professor, Head
Dr. S.K. Tripathy, M.Sc., M.Tech., Ph.D.
Associate Professor
Dr. R. Praveena, M.Sc., M.Phil., Ph.D.
Associate Professor
Smt P.V. Rajeswari, M.Sc., M.Tech., MQCFI
Assistant Professor
Sri P.S.S. Appalacharyulu,M.Sc, M.Phil.
Assistant Professor
Dr. B. Nagarjun, M.Sc.,M.Phil.,Ph.D.
Assistant Professor
Dr. NSSV Raja Rao, M.Sc., Ph.D.
Assistant Professor

Department of Chemistry

The department of chemistry became a full fledged department on par with other branches of engineering and caters the needs of all engineering branches relating to chemistry at 1st year B.Tech level. The department is at present functions with 7 qualified and experienced faculty members. The teachers of the department are involved in research areas of inorganic reaction mechanisms, oxidation of amino acids in micellar media, synthesis of bioactive organic compounds and analysis of drugs. The faculty members are recognized as supervisors by J.N.T University-Kakinada for Ph.D programs and guiding. The department has two well equipped laboratories for the need of students as well as for research work. The department consists of two minor research projects sanctioned by UGC of total grant 9.5 lakhs.

Faculty

Dr. R. Rambabu , M.Sc., Ph.D. , Professor & Head,
First Year Coordinator
Dr. T. Manikya Sastry, M.Sc., M.Phil., Ph.D. , Associate Professor
Mrs. M. Rama Rajeswari, M.Sc., M.S., M.Phil. , Assistant Professor
Dr. K.V. Naga Lakshmi , M.Sc.,Ph.D. Assistant Professor
Dr. U. Sujana Kumari , M.Sc., M. Phil., Ph.D. Assistant Professor
Mrs. S Sridevi, M.Sc., M.Phil., Assistant Professor
Dr. Santosh Kumar , M.Sc.,Ph.D., Assistant Professor



"Once you choose hope, anything's possible." ~Christopher Reeve

Department of English

COLLEGE OF ENGINEERING (AUTONOMOUS)

Vision

To promote excellence in learning English language and inculcate humanistic values in technical students in the interests of nation and multi-cultural world.

Mission

- To enhance students' abilities to communicate in written and spoken English while encouraging them to be creative and skilled professionals
- To equip students with critical thinking skills, academic honesty and leadership skills to succeed in the global job market
- To widen our students' understanding of the society through appropriate and innovative methods and materials.

About the Department

The Department of English was started in 1996. Currently, the department consists of ten members – two professors and eight assistant professors. Publication of textbooks, creative books, and 24 articles in National and International Journals and participation in more than 40 National and International seminars, workshops and faculty development programmes indicate the tireless efforts of the faculty in upgrading their academic credentials and professional strengths.

At present the department has been catering to the needs of B. Tech, MCA and M. Tech courses. The department is following modern teaching practices such as role-plays, Group Discussions, Panel Discussions, use of Skype for interaction between alumni and present students, Reviews of books and movies, JAM, Team Presentations and the use of audio and video aids to teach phonetics, vocabulary, grammar, technical and creative writing. Students are given theoretical and practical orientation to come out with flying colours in campus recruitment, GRE, TOEFL and other competitive examinations. The department has been vibrant in promoting extracurricular activities in students through Debate Club and Film Club. The department has also been training in managerial communication skills to the personnel from industry.

The department endeavors to integrate humanistic values with academic learning through introduction of relevant and innovative syllabus. English lab is equipped with 70 systems, LCD and material worth rupees one lakh. The future goals of the department are: establishing an independent language lab with more advanced software, developing short term courses on communication skills and personality development of students and staff, and to offer tailor-made courses and workshops for the needy professionals.

Future Goals

- Short term courses on Communication Skills and Personality Development of students and staff.
- To offer tailor-made courses and workshops for the needy professionals.
- Diploma courses in spoken English for non-teaching staff
- Courses on:
  - Pronunciation and Accent(RP and American),
  - Creative Writing
  - Reading Fiction/Poetry/Short story
  - Vocabulary/Grammar for GRE, TOEFL, IELTS, CAT …etc.
- Series of guest lectures for the benefit of students.
- A Two-Day workshop on Language and Literature in 2016.

Dr. J.Ravindranath, M.A., M.Phil., Ph.D (UOH)
Professor & Head
Dr. S.Atchutaramam, M.A., M.Phil., PGDDE., Ph.D
Professor
Mr. J.Raja Ratnam, M.A., B.Ed., Assistant Professor
Ms. D. Amritha, M.A., Assistant Professor
Mr. I. Raja Sekhar, M.A. , Assistant Professor
Mr. Y. Rama Mohan, M.A., M.Phil., HDC
Assistant Professor
Dr. S. Venkata Ramana, M.A., M. Phil., PhD
Assistant Professor
Mr. P.B.S. Krishnam Raju, M.A., M.Phil., PGDTE.
Assistant Professor
Ms. Y. Swarna Sri, M.A., PGDL, M.Phil., (Ph.D)
Assistant Professor
Ms. Ch. Sowjanya, M.A., CTE, PGDF(J), PGDL
Assistant Professor

"You must not only aim right, but draw the bow with all your might." ~Henry David Thoreau

Department of Management Studies

The department is catering to the needs of management courses of the all core engineering branches and effectively playing its role as a supporting department. At present the department consists of six faculty members, 3 of them are PhDs. The faculty of the department are actively engaged in research in the areas of Financial Management, General Management and Strategic Management. The faculty of the department have published a text book and 20 articles in international, national journals and conferences. The department is planning to offer executive management training programs. Some of the faculty are recognised as research supervisors for the award of Ph.D. Degree.

Entrepreneurship Development Cell (EDC)

The Entrepreneurship Development Cell (EDC) has been established in the year 2009 with the support of AICTE to the tune of Rs 8.00 lakhs, with an objective to promote entrepreneurship skills among students. Prof. P.Venkatarao is the Coordinator of the cell and have organised 4 entrepreneurship awareness camps, 6 skill development programs and 22 expert talks to the students as part of the activities of the cell. The cell is working with a motto of creating job providers than job seekers.

Industry Institute Partnership Cell (IIPC)

A separate Cell for Industry Institute Partnership Cell (IIPC) has been established in the College with AICTE funding of Rs 5.5 lakhs in the year 2011, to promote and strengthen industry institute interaction. The cell has an elite Advisory Board with members from local industry, IT-SEZ, FICCI, etc., for guidance and coordination. Dr.Aparna Rao is the Coordinator of the cell. A few industrial visits and expert talks have been organised so far. This cell is focusing on activities which make the students industry ready.

Faculty of Management Studies

Dr. P.Venkata Rao
M.Com., M.B.A., Ph.D
Professor & Head and
Chairman-Training & Placement

Dr. Y.Aparna Rao, M.B.A., Ph.D.
Assistant Professor

Sri S.S.S. Kumar, B.Tech., M.B.A.
Assistant Professor

Miss Sipra Kumari, M.Com
Assistant Professor

Mrs. K. Santhosh Kumari, M.B.A.
Assistant Professor

Mr. Chandra Sekhar Patro
M.B.A., M.Com., M.F.M.,(Ph.D)
Assistant Professor

Mr. K. Madhu Kishore Raghunath
B.Com, MBA
Assistant Professor

Department of Training & Placement

Prof B Sarveswara Rao Library

COLLEGE OF ENGINEERING (AUTONOMOUS)

Training & Placement Department is functioning with an aim to mould students to meet the corporate expectation and place them in reputed companies.

The department invites reputed trainers in the field of communication and interpersonal skills to train the students with necessary soft skills required to face the interviews in today's competitive world.

Training & Placement Department is instrumental in signing the MOUs with some of the reputed companies like TCS, IBM, EMC2 , Infosys etc. Through this, the department organizes various technical training and certification programs for students to give competitive edge in present global employment market.

This cell organizes and coordinates Campus Placement Program, to fulfill its commitment of a job to every aspirant

As a result of its lively and resolute relationship with corporate across the country, the placement cell has developed tremendous placement record both in terms of percentage of eligible students placed as well as number of corporates visiting the college.

Around 30 companies from both software and core visit the college every year. The average salary during the present academic year is 3.25 Lakhs with highest being 6.00 Lakhs per annum. In terms of placements for PG students the college has the benefit of obtaining good number from various reputed MNCs.

Faculty and Staff of Training & Placement

Dr. P.Venkata Rao, M.Com, MBA, Ph.D.
Dean Training & Placements
Sri.A.Prakasa Rao, MCA
Placement Officer
Mrs. K. Santhosh Kumari, M.B.A.
Assistant Professor and Project Assistant Training & Placements
Sri S.Sreenivas Rao, M.A., MBA,
Office In-Charge

The Gayatri Vidya Parishad College of Engineering (Autonomous), Library was started in the year 1996, named after former President Gayatri Vidya Parishad great Economist. Former Vice-Chancellor Nagarjuna University, Emertius Professor of Economics, AU and Economic Advisor to Government of Nigeria as "Prof. B. Sarveswara Rao".

The library opens from 7:00 A.M to 7:00 P.M on all working days except 2nd Saturdays 9:00 A.M to 5:00 P.M and Sundays 9:00 A.M to 1:00 P.M.

The library is well equipped with modern facilities and resources in the form of CD / DVD - ROMs, Video Cassettes. Online Databases, Micro Documents, Video Cassettes, Books, Journals Thesis, Project Reports, Back Volume of Journals, Video Lessons from NPTEL. The library has been using an integrated library management software package with all modules for automated library operation and Bar code system.

A well equipped Digital Library is one of the most important sections of the Library. The library being a member of AICTE-INDEST consortium under the aegis of the Ministry of Human Resource and Development provides online access to IEL/IEEE, ASME, ACSE, Science Direct and DOAJ through DELNET. The Digital Library consists of Video Lessons, E-Database. It has two floors. The first Floor consists of Books and Second floor Magazines and Digital Library. The total plinth area of the building is about 1,300 sqmt. The main functionaries of the Library are the Circulation, Periodicals, Reference, Acquisition, Technical sections and Digital Library apart from the Administrative and Computers sections.

- Inter Library Loan facility is available through DELNET.
- Free Bus Service is provided for the Library Users at 6:15 A.M from city 7:15 P.M to the city and also on 2nd Saturday & Sundays. Objectives
- To help the students and teachers to reach their full potential by providing multifaced, supportive learning and teaching environment.
- To enhance G.V.P. College of Engineering status as a major research center for higher education.
- To provide global access to information published worldwide in many disciplines in support of qualitative research and education at the G.V.P. College of Engineering level.

Faculty of Library

Sri. A. Ravi, M.L.I.Sc., M.Phil.,(Ph.D), Librarian

"Champions keep playing until they get it right." ~Billie Jean King

COLLEGE OF ENGINEERING (AUTONOMOUS)

Department of Physical Education

The department of Physical Education has a prized possession in its director who is a doctoral degree holder. He is also a member of the University Sports Council. He is assisted by a team of boys to maintain the play fields in fit condition any time. An open area of 6 acres left unoccupied by buildings, separated from but adjoining the academic area stands out as an edifice for the encouragement to sport activities. This includes a cricket ground which is supporting sister institutions and other organizations also on request, two tennis clay-courts, a basket ball court, 2 volley ball courts,2 motorized tread mills, cricket nets for practice and an open-air auditorium supported by indoor facilities like multi-gym, three table tennis boards, chess & caroms, etc. Students participate in all these according to their choice and talent. These enabled the students to return with prizes in the competitions they participate outside. This college has credit of organizing the coaching camps and selections for the JNTU-K in table-tennis and chess teams.

Quality Maintenance & Technical Services (Electrical) Established in 2002, this department was initially being called as Centre for industrial consultancy, research and development. The department has been renamed as Quality maintenance & technical services (electrical) in 2013. Quality maintenance in a nutshell, is establishment of conditions that will preclude the occurrence of equipment failure thus improving the quality of dependant services. The department interalia does the following activities. • Upkeep of campus electrics, air conditioning systems, UPS systems, lifts, fire fighting equipment and back up Diesel generating systems in Gayatri institutions. • Upkeep and operation of 100KWP grid tied solar power system at GVPCE. • Preparing for the installation of a (grid independent) 200 KWP hybrid power system at GVPCE. • Coordination with electricity supply provider (EPDCL) on issues related to power quality, billing etc. of Gayatri institutions. • Planning for future load growth and up gradation of electrics in Gayatri institutions. • Interacting gainfully with industry for knowledge sharing

Faculty of Physical Education Department

Dr S.S.V. Jagannadha Rao, M.P.E.,M.Phil.,Ph.D.
Director of Physical Education

Faculty of GVP-Prof.V.Lakshmikantham Institute for Advanced Studies (LIAS)

Dr. S.K.Sen, Director

- Former Professor of Supercomputer Education and Research Centre, Indian Institute of Science, Bangalore for 9 years (1996-2004).
- Former Professor of Florida Institute of Technology, Department of Mathematical Sciences, Florida Institute of Technology, USA for 9 years (2004-2012)

Former Indo-US Fulbright Fellow for Teachers at Florida Institute of Technology, USA (1991).

Dr. J. Vasundhara Devi, Associate Director

Professor, Dept. of Mathematics,

Prof. E. E. Escultura, Member

Regular Member from 2007-2010

Prof. I.H. Naga Raja Rao, Member

Former Professor of Andhra University,
Department of Applied Mathematics (1964-2000)
Former Director, GVP College for
PG courses (2002-2014)

The best dreams happen when you're awake." ~Cherie Gilderbloom

COLLEGE OF ENGINEERING
(AUTONOMOUS)

SIXTEEN POTINT FORMULA TO BECOME AN IDEAL STUDENT

1.	RESPECT	:	Respect your parents, your teachers and your elders.
2.	LOVE	:	Love your country, Your culture and your anscestors.
3.	SERVICE	:	Serve the poor, the illiterate and the diseased.
4.	SELF-DISCIPLIN	:	Disciline your body, your senses and Your mind.
5.	SELF-CONTROL	:	Control your words, your thoughts and your actions.
6.	FAITH	:	Have faith in yourself, in others and in God.
7.	DISCRIMINATION	:	Discriminate betwiin good and bad, real and unreal and vice and virtue.
8.	CONCENTRATION	:	Concentrate whole-heartedly while studying, working playing and praying.
9.	TRUTHFULNESS	:	Be truthful in words, thoughts and actions.
10.	HARD WORK	:	Work hard to acquire knowledge, skills and actions.
11.	STRENGTH	:	Be strong physically, mentally, intllectually, morally and spiritually.
12.	CONVICTION	:	Have conviction in the power of goodness, purity and honesty.
13.	DEVOTION	:	Have devotion for duty, scriptrues, holy people and God.
14.	HABITS	:	Cultivate regular habits of prayer, meditation and reading inspiring and strengthening literature.
15.	SAME SIGHTEDNESS	:	Feel the prescnce of the divine in all being with the same standard as you treat yourself.
16.	FIRM DETERMINATION	:	Have firm determination and strong will-power to cultivate good habits in order to achieve permanent happiness, peace, success and fulfillment in life.

Vivekananda Institute of Human Excellence, Rama Krishna Math, Hyderabad.

Your imagination is your preview of life's coming attractions." ~Albert Einstein

COLLEGE OF ENGINEERING (AUTONOMOUS)

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Autonomous)
MADHURAWADA, VISAKHAPATNAM - 530 048
TRAINING & PLACEMENTS
Overview of 2017 Pass out Batch Placements

S.No.	Name of the Company	Chemical	CIVIL	C.S.E	E.C.E	E.E.E	I.T	MECH	Total B.TECH Only	M.C.A-JNTU	M.Tech	G.TOTAL	Pay Package
1	TCS	10	23	61	100	54	34	54	**336**	3	15	**354**	3,16,387/-
2	TCS - Digital			4					**4**			**4**	6,30,000/-
3	WIPRO			18	12	4	7	2	**43**			**43**	3,15,500/-
4	Yodlee Infotech			2					**2**			**2**	5,00,000/-
5	Apps Associates			4			3		**7**			**7**	4,80,000/-
6	VEDA IIT				10	5			**15**		2	**17**	3,12,000/-
7	UX Reactor		1		1	3		2	**7**			**7**	3,00,000/-
8	ComTech IT Solutions				2	2			**4**			**4**	3,80,000/-
9	Verizon			2			1		**3**			**3**	5,19,650/-
10	Mindtree			3	3		1		**7**			**7**	3,25,000/-
11	Hexagon			1			1		**2**			**2**	5,20,000/-
12	L&T Technology Services			4	2				**6**			**6**	3,60,000/-
13	Solivar			3					**3**			**3**	7,00,000/-
14	Juspay			3					**3**			**3**	8,00,000/-
15	Coromandel							1	**1**			**1**	3,50,561/-
16	Amazon			4			1		**5**			**5**	14,00,000/-
17	Teradata			1					**1**			**1**	6,32,000/-
18	Sopra Steria						1		**1**			**1**	3,50,000/-
19	SONATA						3		**3**			**3**	2,10,000/-
20	Sans Pareil			2					**2**			**2**	2,55,000/-
21	VirtusaPolaris			1			1		**2**			**2**	3,10,000/-
TOTAL Offers		**10**	**24**	**113**	**130**	**68**	**53**	**59**	**457**	**3**	**17**	**477**	
Selected Candidates		**10**	**24**	**91**	**119**	**61**	**44**	**56**	**405**	**3**	**16**	**424**	
Total Eligible Candidates		41	92	121	182	121	70	108	**735**	23	120	**878**	

"Every moment is a fresh beginning." ~T.S. Eliot