

# “ELECTROCRATS' 19”

## EEE STUDENT'S FORUM

### NEWSLETTER

12/1<sup>ST</sup> ISSUE, NOVEMBER 2019

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## EDITORIAL

*Dear Friends,*

*It gives us great pleasure and pride to be given the opportunity to publish department newsletter for the year 2019-20.*

*Action embodied in one's effort is the real key to happiness. There is no success and resultant happiness without action. What is more-you can derive satisfaction and happiness in having done your best. In spite of the tight schedule, the students of EEE Department have made this newsletter a reality by sharing their creativity, thoughts, general and technical knowledge.*

*Our sincere thanks to our management, Founder President, Dr. N.M. Veeraiyan, Director, Dr. Rajesh for providing us the necessary facilities. Our special thanks to our ever vibrant Principal Dr. R.Ramesh for being the mainstay throughout our journey. We are grateful to our HOD, Ms.Monica P Suresh and all our faculties for their constant support*

### Editorial Board



## Principal's Message

*I am very glad to note that the department of Electrical & Electronics Engineering is releasing their newsletter for the academic year 2019-20. The department newsletter brings out the activities, achievements and creativity of the students in the engineering aspects*

*The newsletter realistically connects the students, staffs, industries and institutional interaction. This newsletter contains various information about seminars, workshops, industrial visits, colloquium and Co-curricular activities. We aim at providing outstanding learning experience for all the students by conducting various activities in the student's forum to enrich their knowledge in different spheres. It is rewarding for us that each year we see our students develop and gain the confidence that will serve them well in life and work. I congratulate the editing team of this newsletter for their efforts and wishing them all the best!!*

Dr. R. Ramesh

Principal



## Vice Principal's Message

*While we march forward towards our goals, we should look back to recollect what we have already done. We should also be aware of what we are doing at present and how we are doing it. We should also bring out a plan for the future. Newsletters exactly do these things. Bringing out newsletters train students in collecting, correlating and disseminating information and ideas.*

*I am happy that Electrical Engineering department is bringing out the newsletter. I wish the outgoing students a successful career and a bright future.*

**Dr.R.Senthil Kumar**

**Vice Principal**



### HOD's Message

*I am very pleased to announce that the EEE student's forum is releasing its 1<sup>st</sup> issue Newsletter for the academic year 2019-20. The Newsletter brings out a lot of information which is useful to the students. I do hope students are benefited and gain a lot of knowledge through this Newsletter. I thank the editorial team for bringing out such a creative and interactive Newsletter. My best wishes to the students to achieve great heights in all their endeavours.*

Mrs.Monica P Suresh

Head of Department

## My Blue Rose

Things remain unchanged.....  
Spoken words could not find meanings,  
Till now, I failed to circulate inside you....,but,  
I know, I got strength to feed your heart....  
    You my Zen, my blue rose,  
    Years passed; still I am revolving round your dreams....  
    I heard something.....,but,  
    You denied to merge it with mine.....  
I call you my blue rose, always I wish to do so  
As beautiful as a rose.....  
With your petals kissed with dew drops, wiped with fragrance of love,  
Always smiling, spreading happiness,  
You creates an atmosphere of merry.....  
    You forgive...you favour....you give up....  
    I could not compare you.....,and always,  
    I wonder at your survival.....  
    Spines in your path has smoothened your legs.....  
    And I follow.....  
You my little star, twinkling in the cool dark sky,  
Seeing the world....smiling at the crowd.....  
I wish, if I could stay beside....  
To feel your glow, to feel your smell.....  
    You walked with your kite pressed against your chest....  
    Eyes twinkling and steps trembling....  
    But the wind has taken yours.....  
    It flew away, with your sorrows.....,with your tears.....  
    Beyond the horizons it went and found the eyes wet...  
I know, one day I have to get into the shell.....  
I should go....  
Needs of age should be fulfilled.....  
But my blue rose, how can I forget my own heart beats.....??  
May be I will, only if eternity ends.....

KAVIENAYA M

Final Year EEE

## E-WASTE

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HARIHARAN.r, III<sup>RD</sup> YEAR

Electronic Waste or e-Waste is one of the most rapidly growing waste problems in the world. The practice of repair by replacement, rapid technology change, low initial cost and high obsolescence rate has resulted in a rapid generation of e-waste. The consumer doesn't know what to do with the unwanted equipments. Disposal of e- waste is a problem faced all over the world.

IT and telecom are two rapidly blooming industries in our country. Electrical and Electronic equipments, the main tools these industries rely upon, are made of a large number of components. They contain toxic substances like mercury, cadmium, and lead which can have adverse impact on human health and environment, if not handled carefully. Long term exposure to chemicals and metals like cadmium, lead, chromium, mercury and polyvinyl chlorides can severely damage the nervous system, kidneys, bones, reproductive and endocrine systems.

Breaking, recycling or disposing in an unprotected environment without the necessary safety precautions can result in harmful side effects to the workers an release toxins into the soil, air and groundwater causing serious environmental pollution. Developed countries such as the US disposes off their waste to India and other Asian countries. In this way the toxic junk of the developed nations would flood the world's poorest nations.

What can we do to solve this challenge?

Waste prevention is more preferred to any other waste management options including recycling. We must reuse the old products instead of disposing them. We must get our old equipments repaired and reused at least till they work to our satisfaction. But if the old equipments re damaged beyond repair or too worn out to use, then it is suggested to get them recycled in an environmentally safe manner. Many of these products can be reused, refurbished or recycled in an environmentally sound manner so that they are less harmful to the ecosystem.

Through responsible use, reuse and recycling of electronic items, we can protect and preserve our environment.

## FRIENDSHIP, A GIFT OF GOD

Amrith Daniel  
II EEE

### What is a friend?

One soul inhabiting two bodies-Aristotle. Friends are divine gifts of God; a true friend is the other self of man. Friendship is the silk on tie of love and esteem which binds two persons usually unrelated by blood. It is not a bargain, it is an exchange of hearts. It is a priceless possession of man which imparts sweetness o life. It is a blessing, which few of us have already been favored with. A friend is a gift of God because a real friend is a rare fortune friendship makes one dearer than blood relations.

A true friend is rightly called an alter ego. A good friend reinforces your self confidence by adding his physical and mental resources to your own resources. Friendship is a sacred trust without the legal stamp. It therefore, gives pleasure to serve not only friends, but everyone connected with them.

Our life is short. There are few moments of happiness, while periods of worries and miseries are long. Friendship brings the balm to the worried. It brings sunshine in the dark life of sorrows. A friend in need is a friend indeed. Prosperity gain friends & adversity tries them. So it is friendship that brings comfort all along, in all phases of life.

It is easy to contract friendship but quite difficult to preserve & maintain it during all stages of one's life. Friendship thrives on sacrifice. A true friend gives the greater attention to his friends problems than to his own. In this sense, a true friend is a gift of God.

But, there can be false friends also. We must be cautious while selecting our friends. In my opinion, a true friend must be honest, sacrificial & trustworthy. If we have such a friend with us more than half of our



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life's battle is won. All of us have friends, but in the present world, the most difficult thing is to get a "True Friend".

We must maintain a friendly relation with all our classmates, college mates. But be cautious while selecting a 'BEST FRIEND'.

### SOME PRECIOUS TIPS:

- Never trust anybody in this world completely
- 'Look before you leap' because pits are ahead.
- Best Friends are rare. So be careful in selecting friends.
- One has no choice in selecting one's parents, brothers, sisters or relatives. They are given to us by the ALMIGHTY. The only chance we have got is to select our friends. So use the opportunity in a proper way.

1. One friend in a life time is much;

Two are many,

Three are hardly possible.

Friendship needs a certain parallelism of life, a community of thought, a rivalry of aim (HENRY BROOKS ADAMS).

2. Friendship is love without his wings (LORD BYRON)

3. A woman can become a main friend only in the following

stages – First an acquaintance, next a mistress & only then a friend (ANTON CHEKHOV)

# ELECTROCRATS'19

## HOW TO HANDLE A WOMAN "ELECTRICALLY"

Upendra K., III Year EEE

**If she is wrong. rectify (h) er**

**If she is hungry. feed (h) er**

**If she is too much. interrupt (h) er**

**If she is too cold. heat (h) er**

**If she can't walk. carry (h) er**

**If she wants vacation. transmit (h) er**

**If she wants to be an angel. transform (h) er**

**And if none of these happens. you will be short circuited.**

## QUIZ TIME

CHRISTOPHER II<sup>ND</sup> YEAR

- 1) Which is the World's first microprocessor?
- 2) Which company launched the first mobile phone operation in India?
- 3) Fear of the number thirteen called?
- 4) Which group owns Crompton Greaves?
- 5) Which countries share the longest continuous border in the world?
- 6) Which company's famously advertised vision statement is 'The Network is the Computer'?
- 7) The National Airline of UAE is known as ?

4) TИpaдe 5) A2U бnd Cаndaq 6) 2nd Sun Mlclozayctwe 7) Efnad Alwday

1) 4004 JETИI 2) MобT Teflа 3) Tlfkаqekаpоpа

## IDEALS IN LIFE

Aparna., IV YEAR, EEE

The life of a human being begins with a tender breath in and ends with a deep breath out. Between these two there are crores of rhythmic and non rhythmic breaths. Life is always expanding and the contraction is death. The character of a man is formed in his childhood. It depends upon it's heritage, surroundings and mainly on our friends.

Our culture is not inborn. It is nourished and nurtured by us. Our ideology depends upon our ambition, imagination, morality and aesthetic values. Perseverance, firm determination, optimism, patience, spirituality and love are essential for success in life.

Our brain has tremendous energy. We have to control it in the proper way. God has given us abundance of ability. We have to use our ability and do well to our fellow beings. The world around us will be pure and good. We have to make our life perfect and do our duties in the best way we can.

It is easy to point out the defects of others and blame them. We have the right to criticize others if and only if we are perfect. We have to keep our minds and our deeds under control. A truly educated person will not hurt others' feelings or humiliate others. Live according to our ideals. Be sincere, truthful and trustworthy.

We should be strong and bold but be humble. React against evils in the society. Do not allow corruption of any kind. See things in the proper way. Find out the great strength and talent within us. Believe in God and try hard. We can do great things. We mould our life. We reap what we sow. We are the makers of our fate. It is no use blaming God or our fellow beings for our defeats.

We can overcome defeats by constant practice and willpower. Strength and vigor is within us. Nothing is impossible. Even if the whole world is against us we should not turn and run away like a coward. Face problems in life boldly. Fight against failure. Even if we fail try again. Atlast success will be ours.

Whenever we are in distress or in tension turn to nature. Never become upset. Nature helps us to forget our sorrows. Appreciate the beauty and fragrance of flowers. See the variety in plants and trees. Watch the arrangement of leaves and branches in plants. Enjoy the music of birds. Keep our eyes and ears open to enjoy the beauty and sounds of streams and rivers. Almighty God has created all these marvelous things for us. Enjoy these miracles and always be thankful to god for everything that we have. If we have deep faith in God we can have an ideal life.